

FIG. 1A

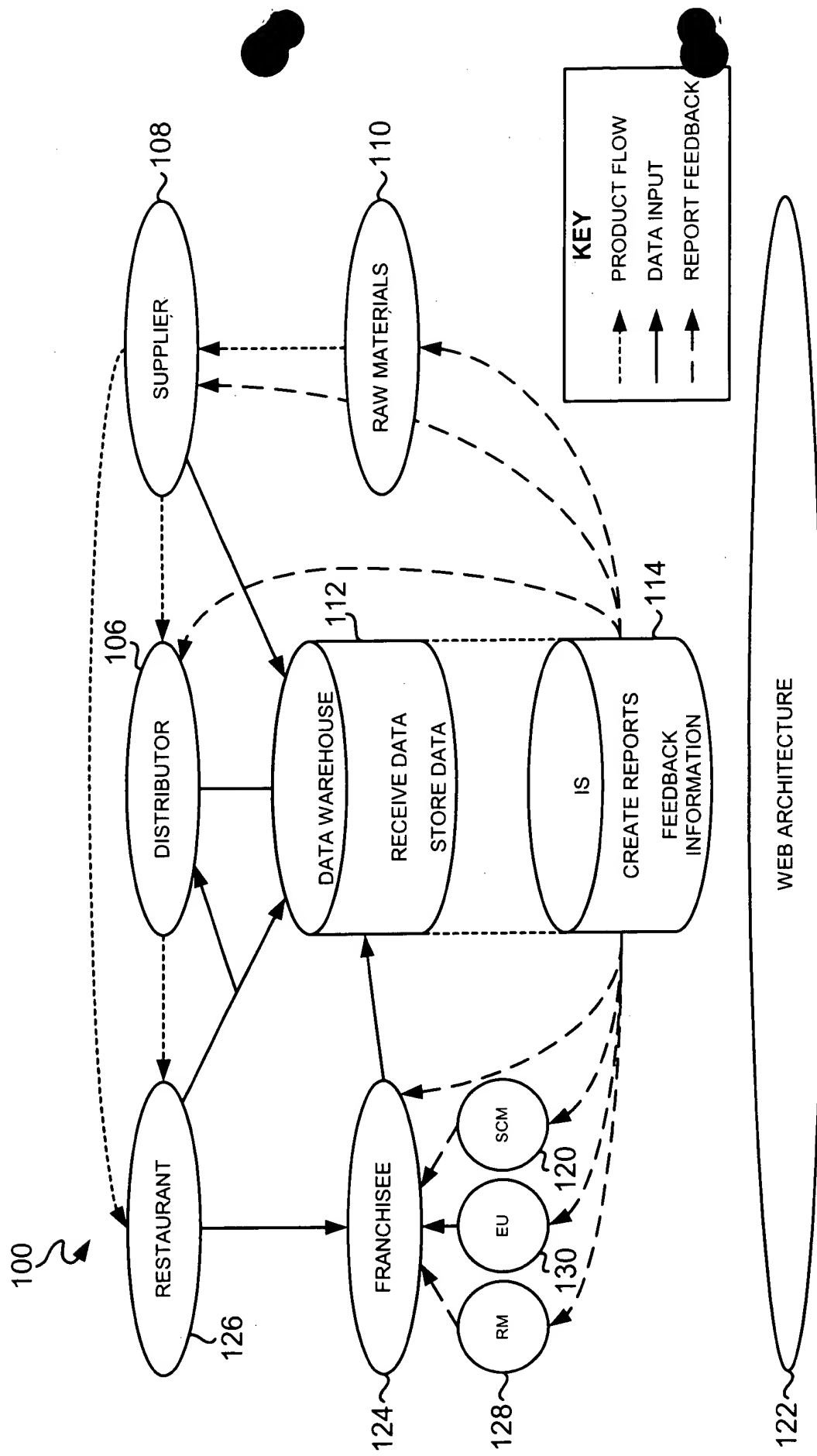
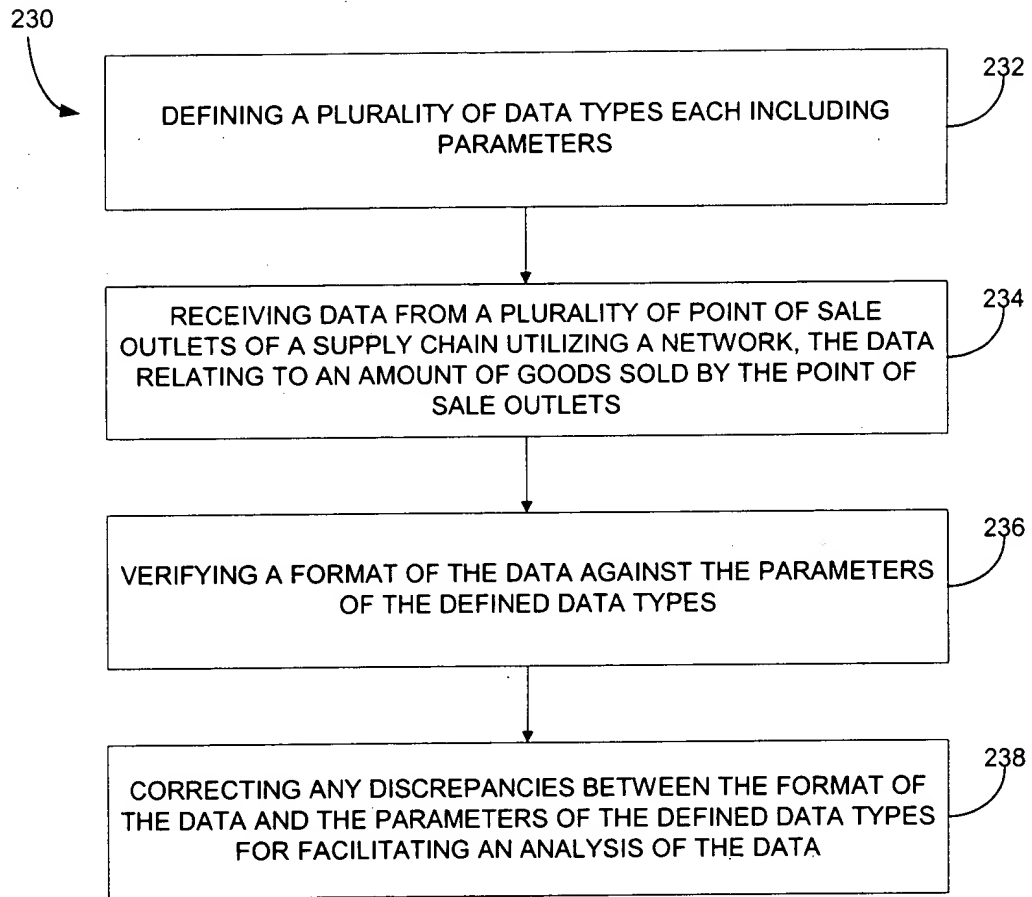
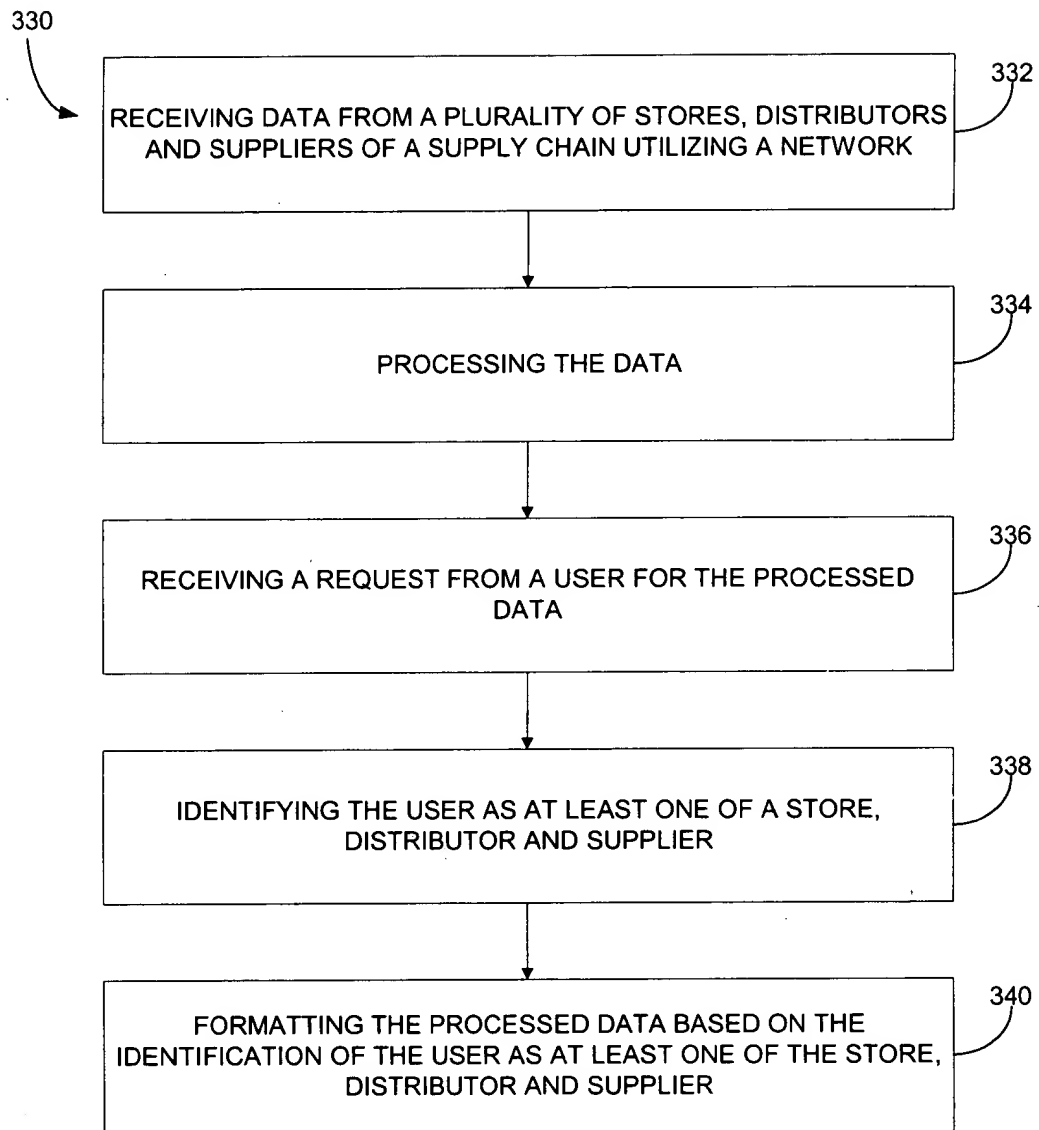


FIG. 1B



**FIG. 2**



**FIG. 3**



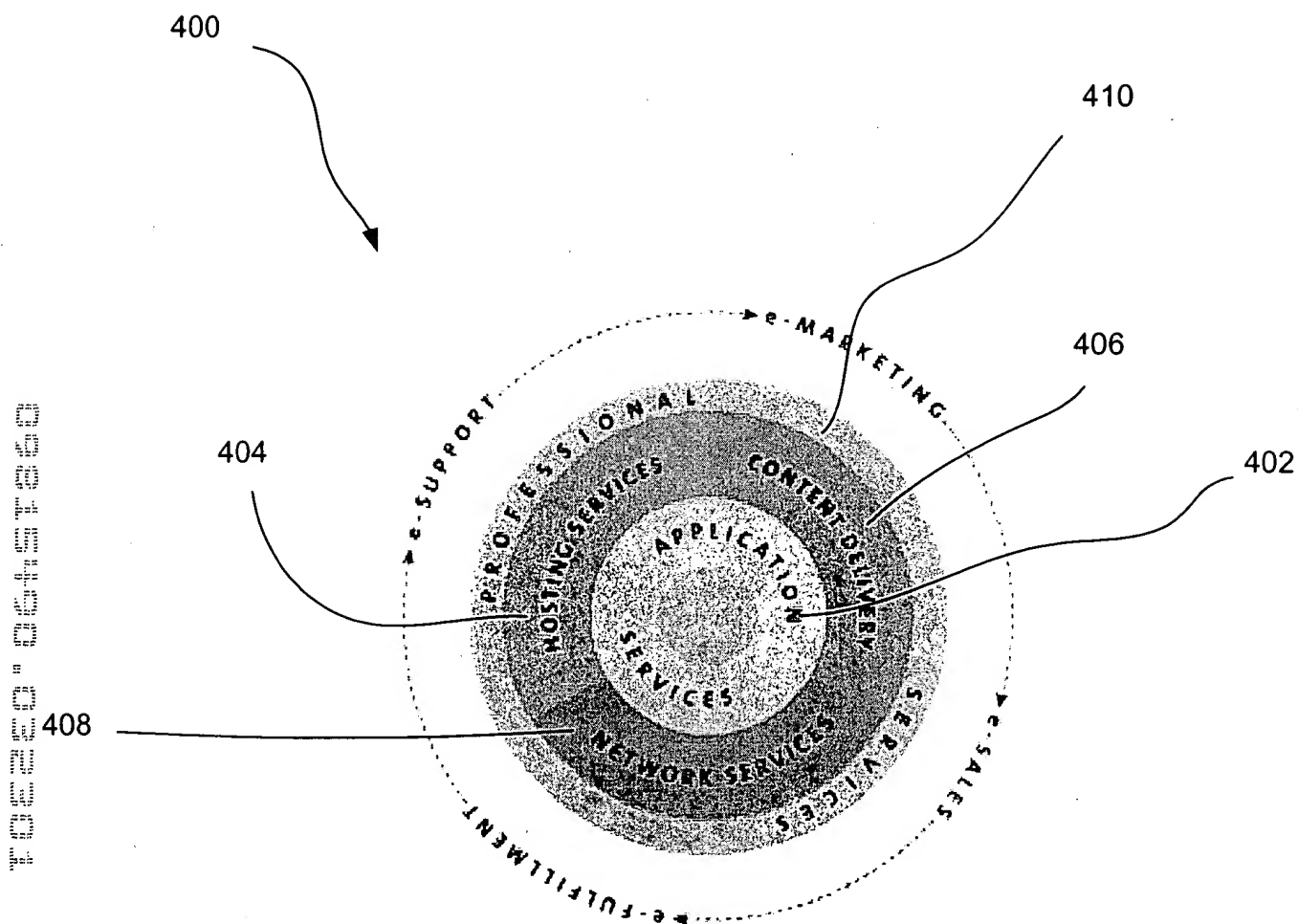
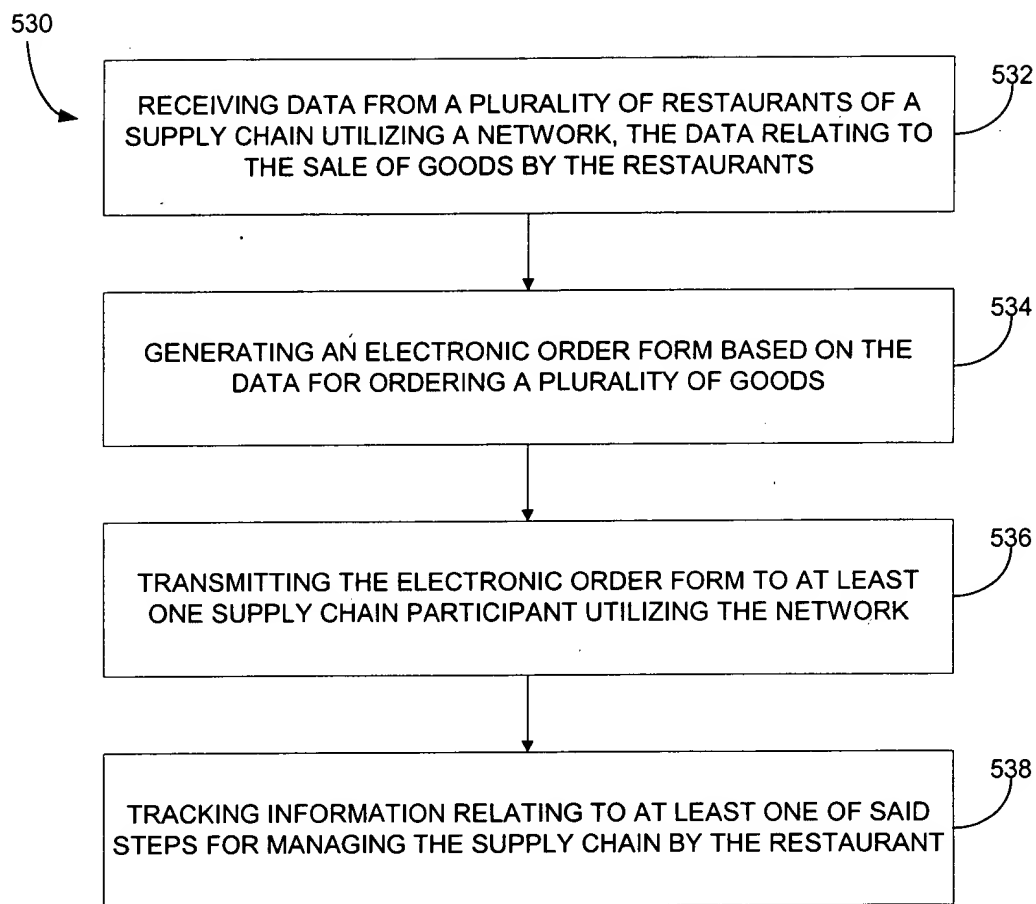
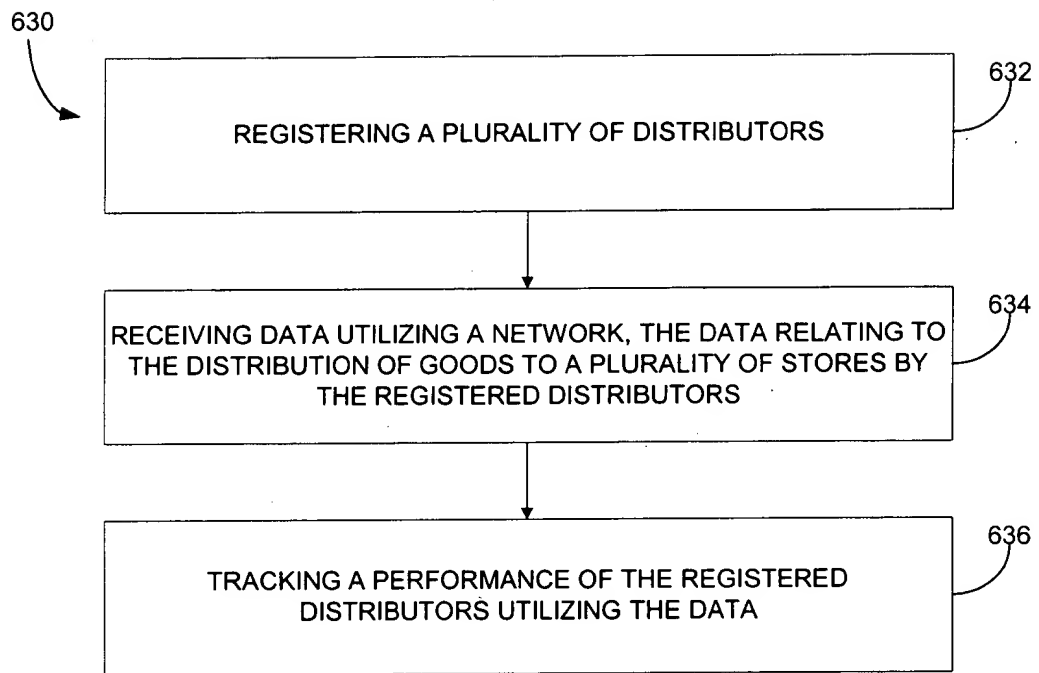


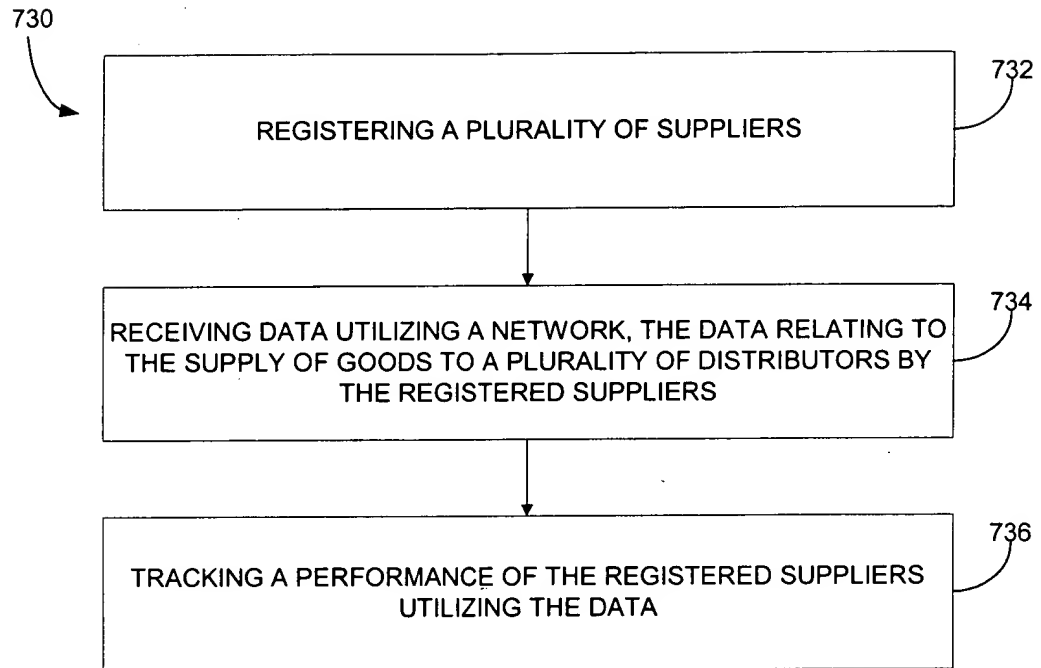
Fig. 4



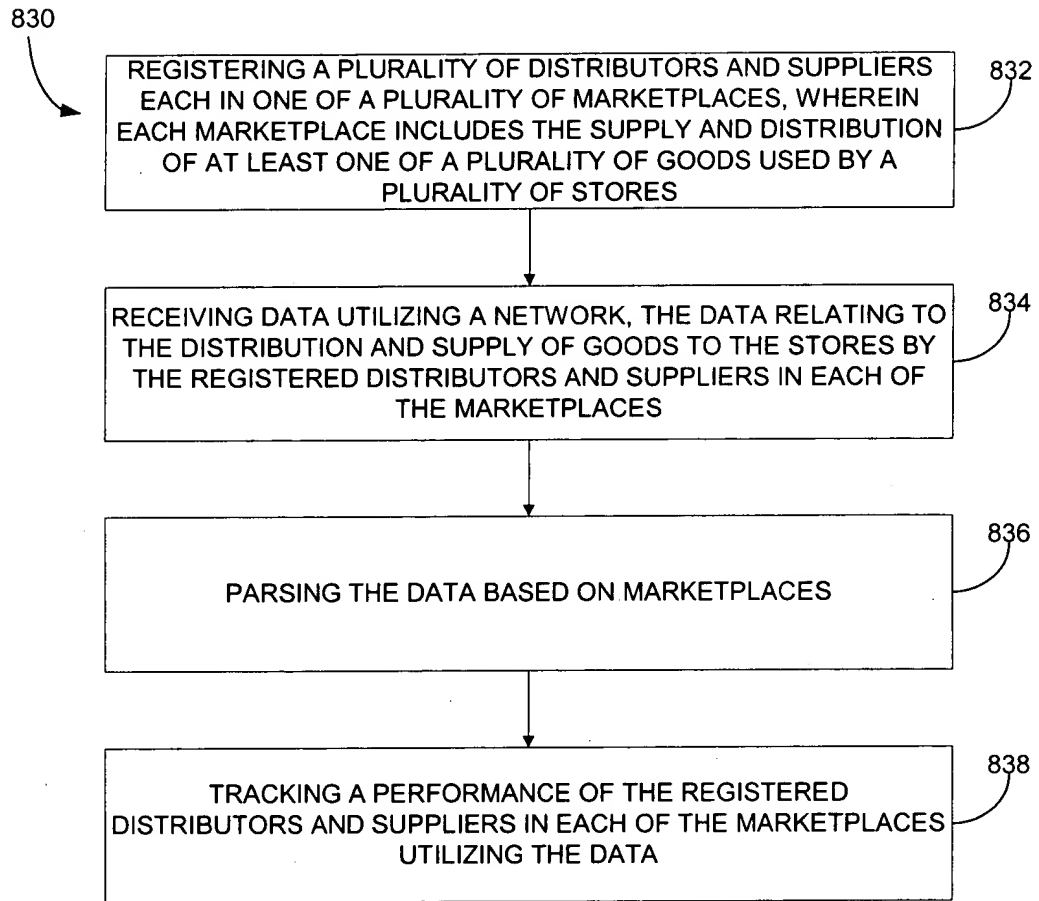
**FIG. 5**



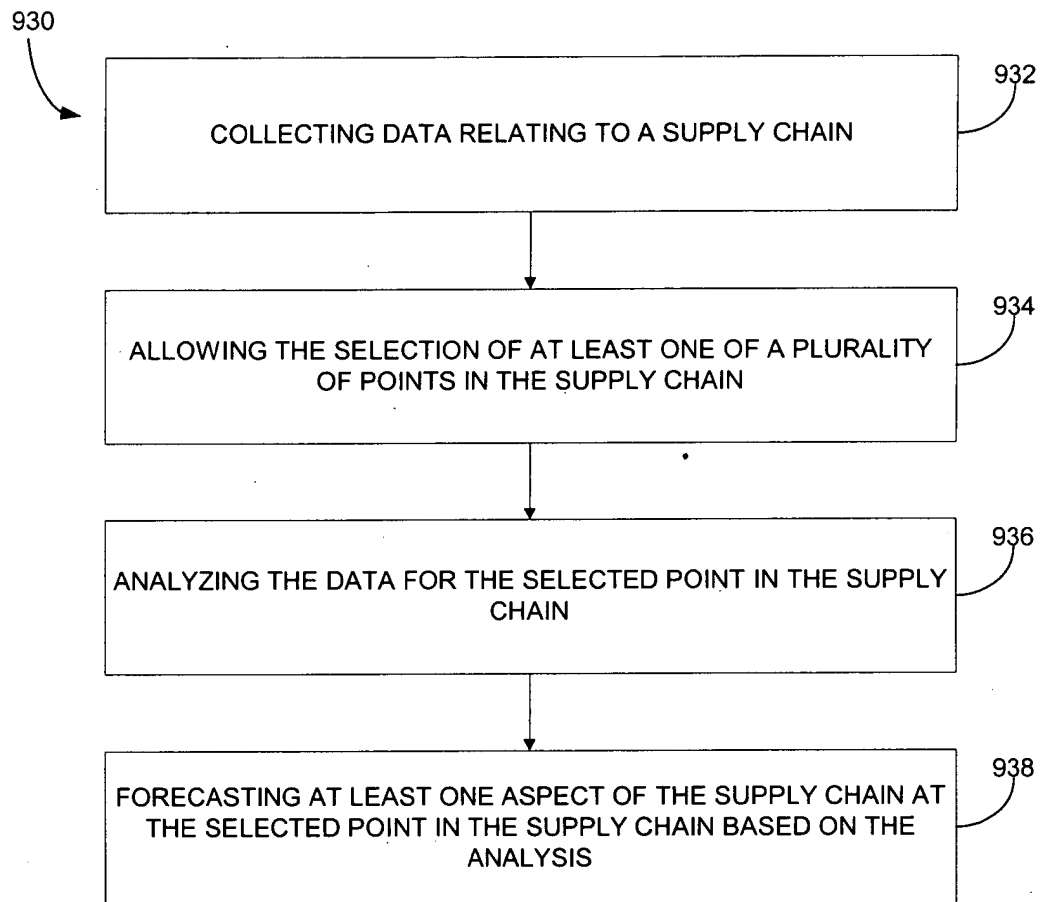
**FIG. 6**



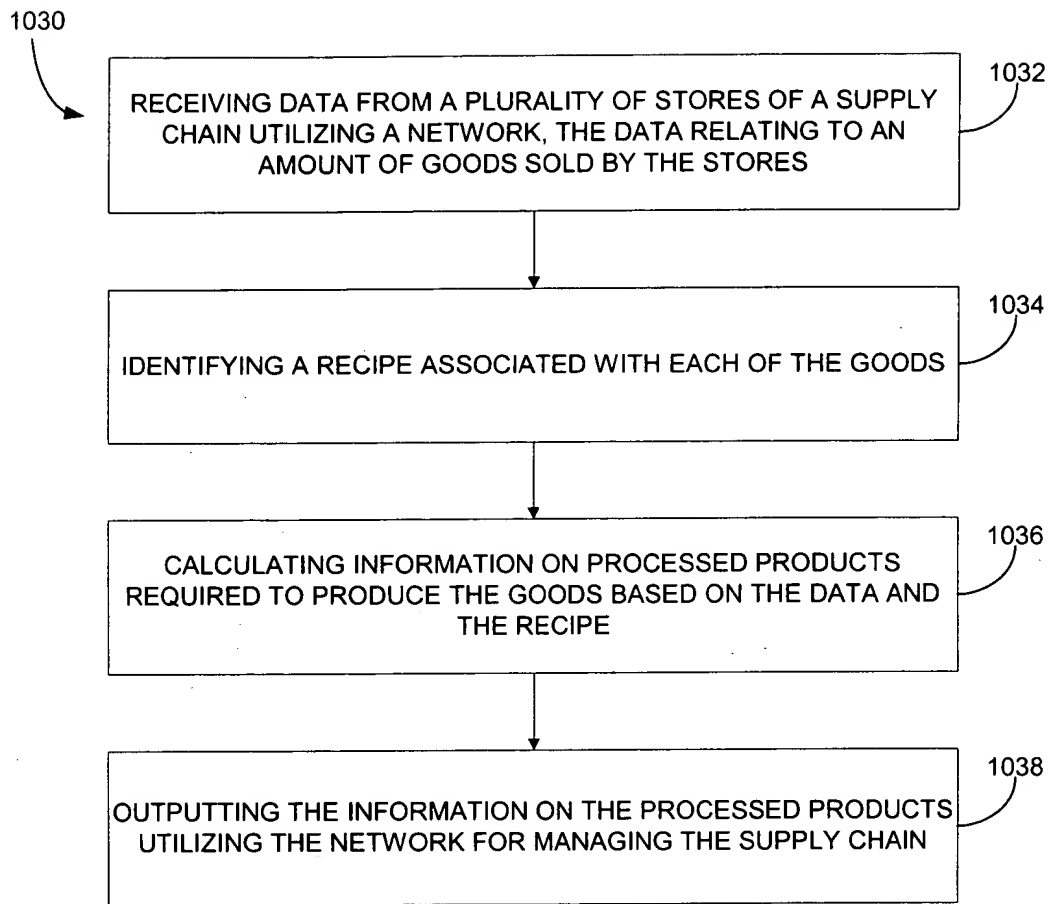
**FIG. 7**



**FIG. 8**



**FIG. 9**



**FIG. 10**

1130

FORECASTING AT LEAST ONE ASPECT OF A SUPPLY CHAIN  
BASED ON A FIRST SET OF DATA COLLECTED FROM A PLURALITY  
OF STORES OF THE SUPPLY CHAIN UTILIZING A NETWORK, THE  
FIRST SET OF DATA RELATING TO AN AMOUNT OF GOODS SOLD  
BY THE STORES

1132

COLLECTING A SECOND SET OF REAL-TIME DATA FROM THE  
STORES UTILIZING THE NETWORK, THE SECOND SET OF REAL-  
TIME DATA RELATING TO THE AMOUNT OF GOODS SOLD BY THE  
STORES

1134

COMPARING THE SECOND SET OF REAL-TIME DATA AGAINST THE  
FORECASTING

1136

FEEDING BACK RESULTS OF THE COMPARISON FOR  
FACILITATING SUPPLY CHAIN MANAGEMENT

1138

**FIG. 11**



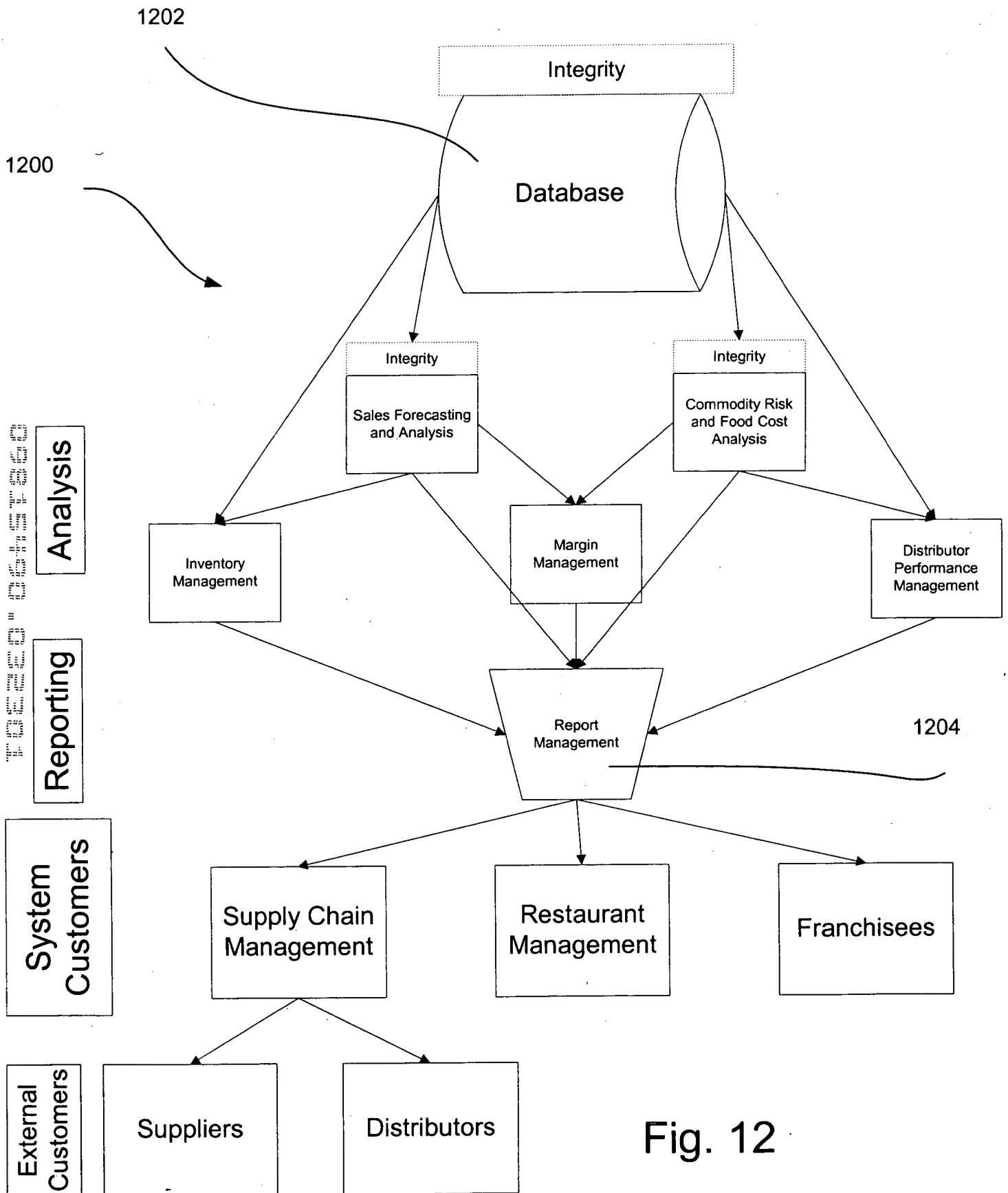
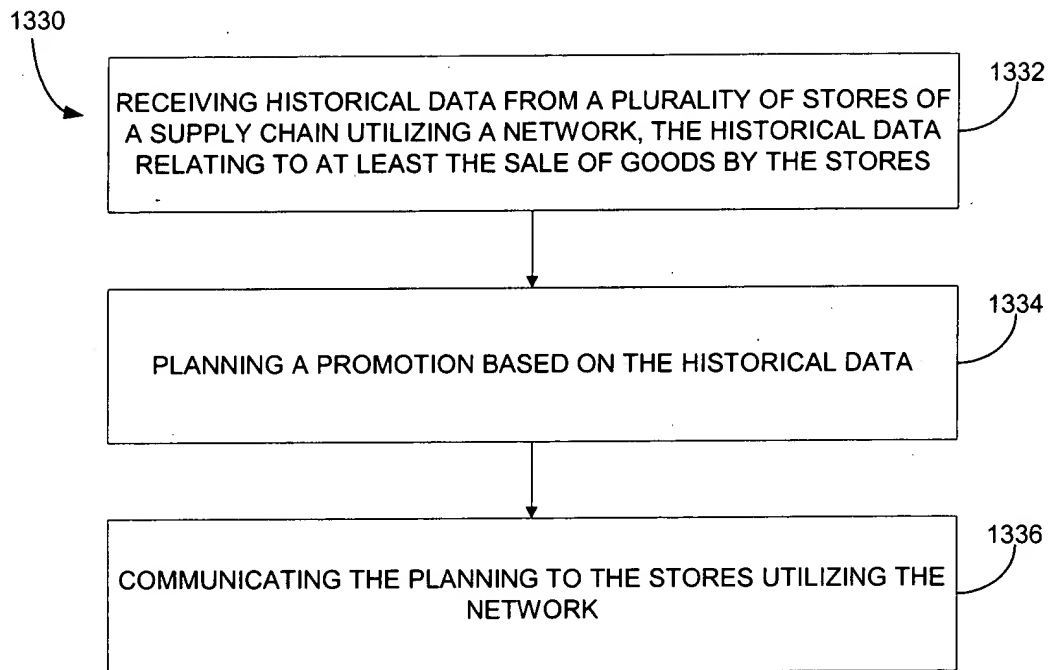
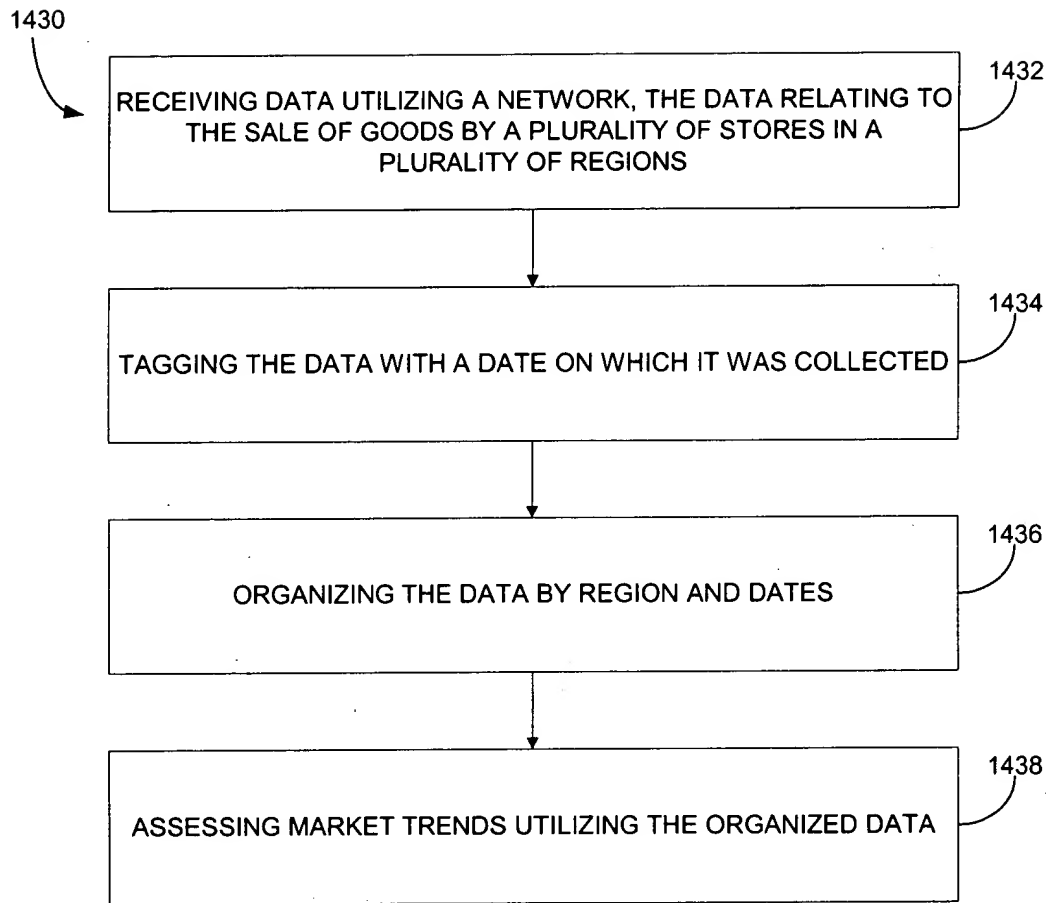


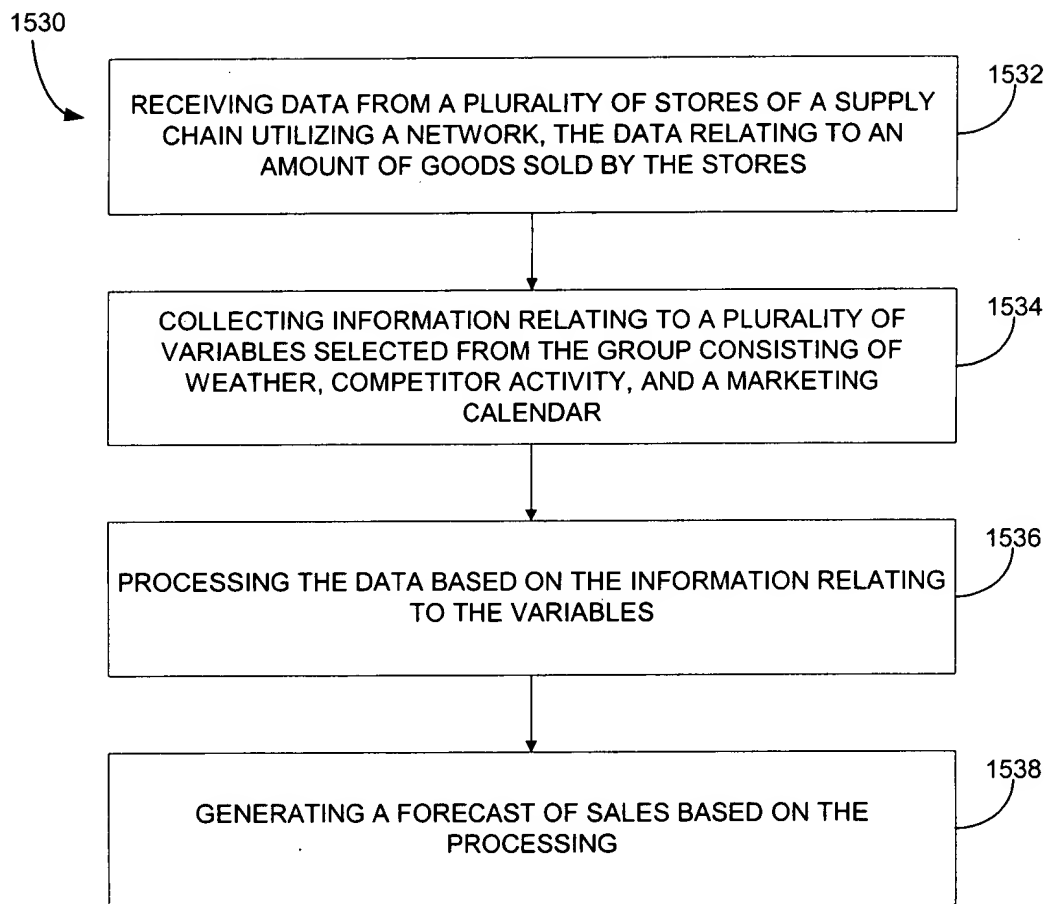
Fig. 12



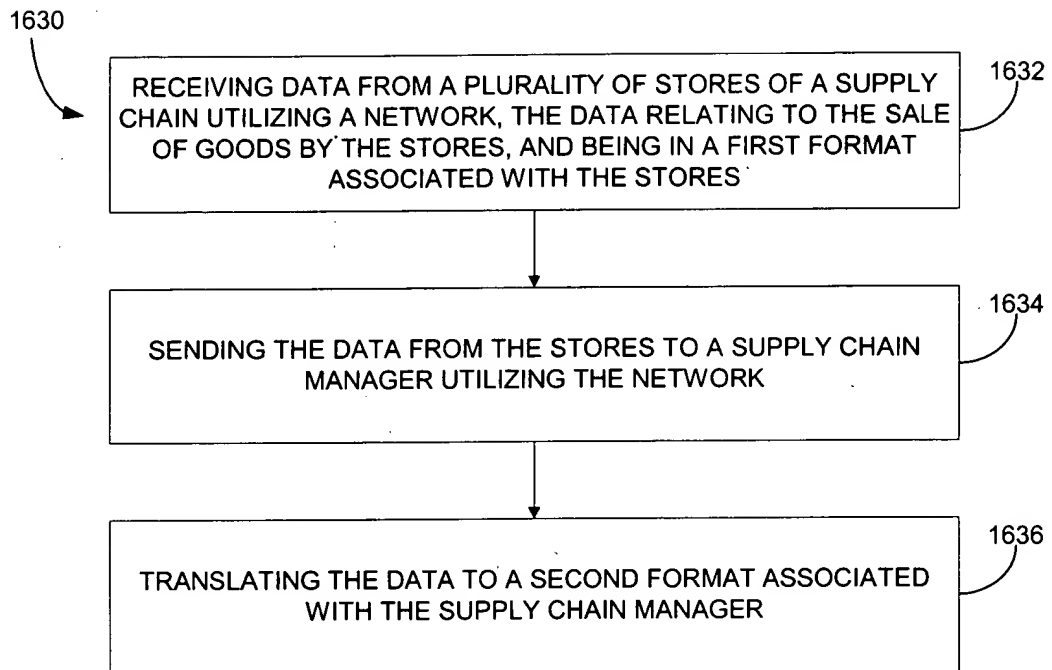
**FIG. 13**



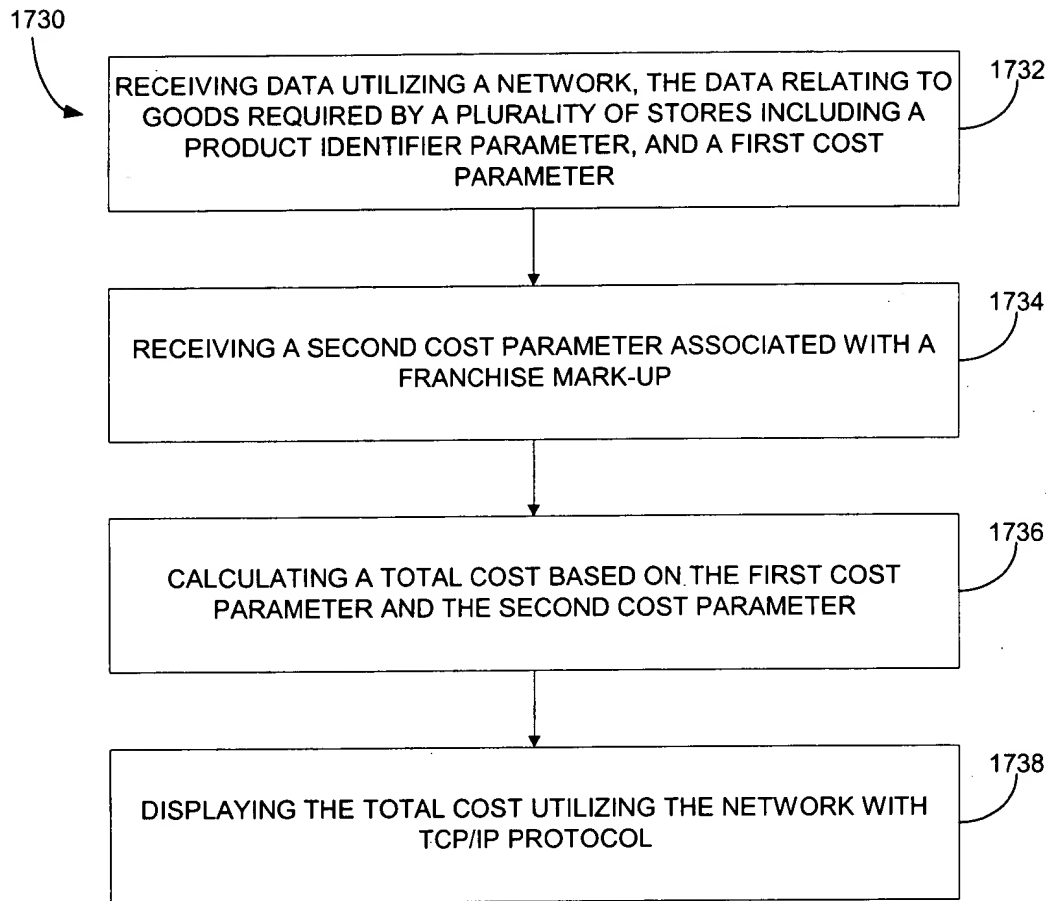
**FIG. 14**



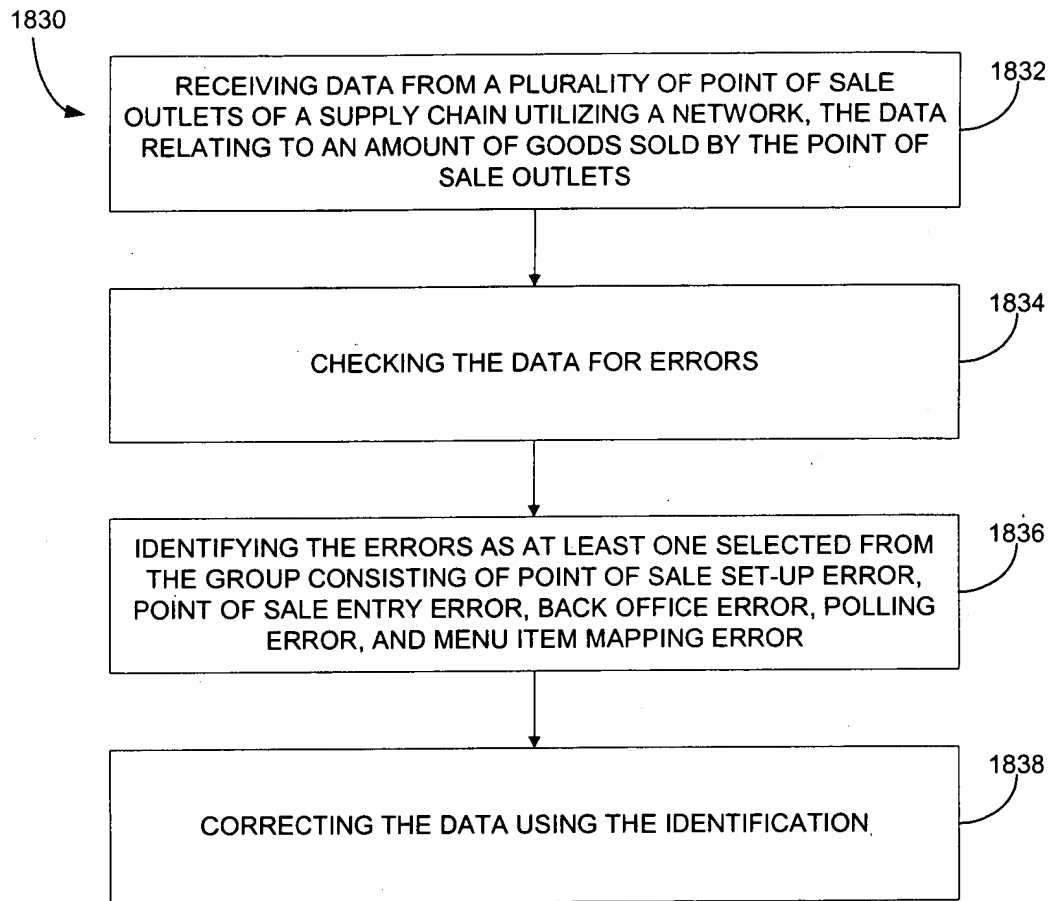
**FIG. 15**



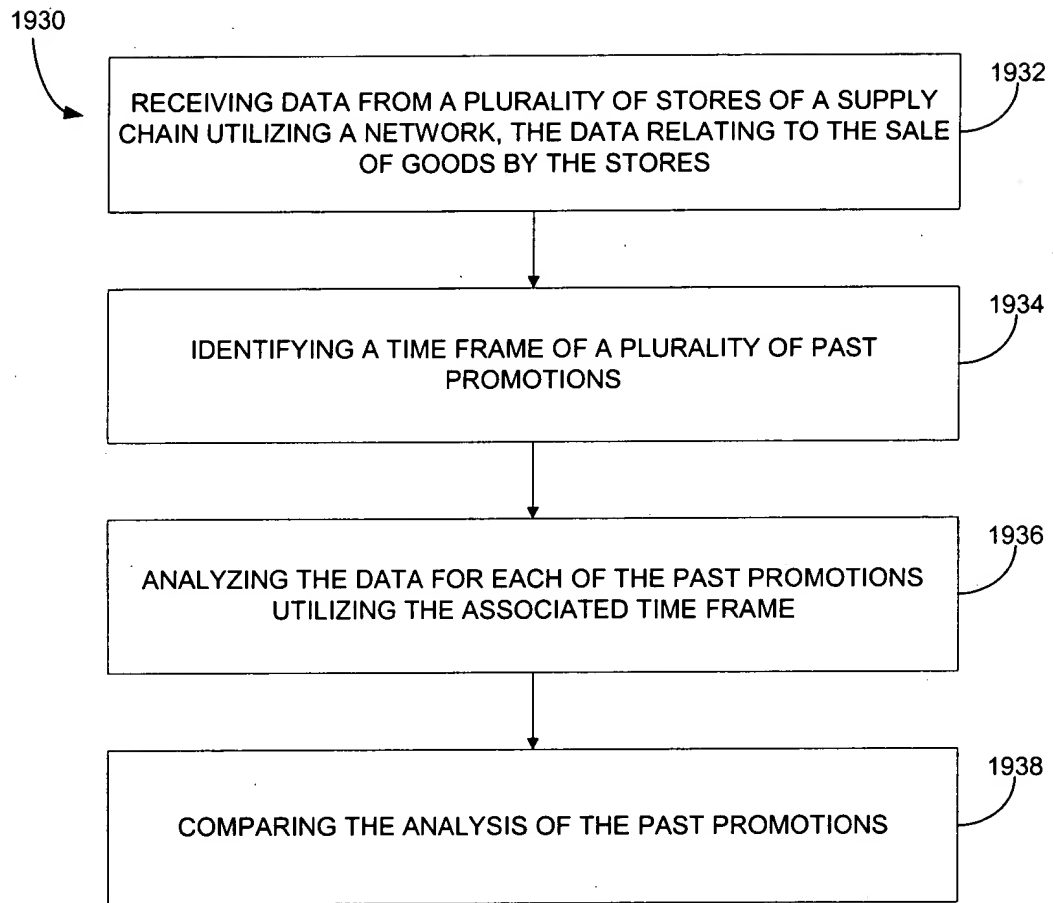
**FIG. 16**



**FIG. 17**



**FIG. 18**



**FIG. 19**



CONFIDENTIAL

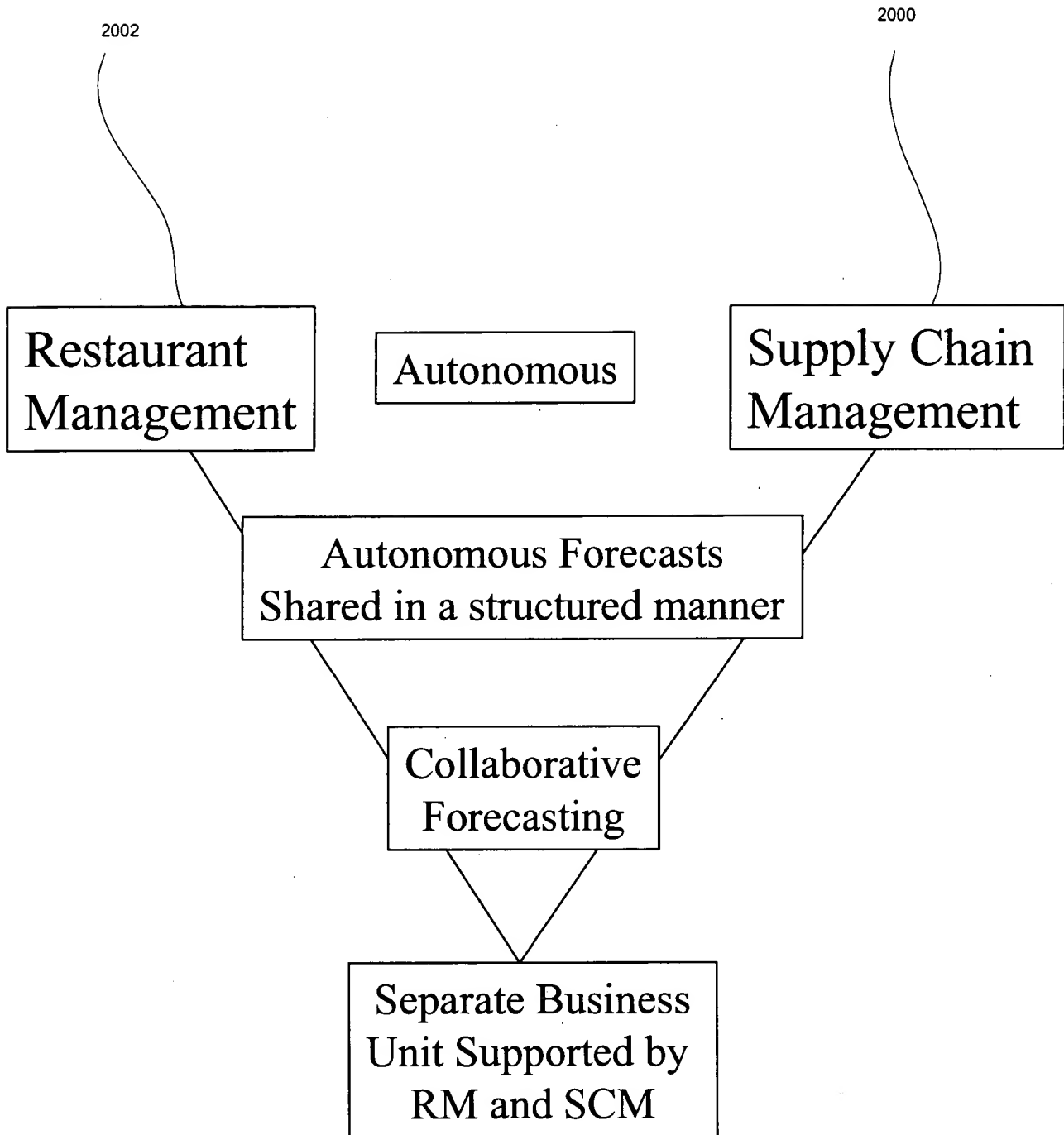


Fig. 20

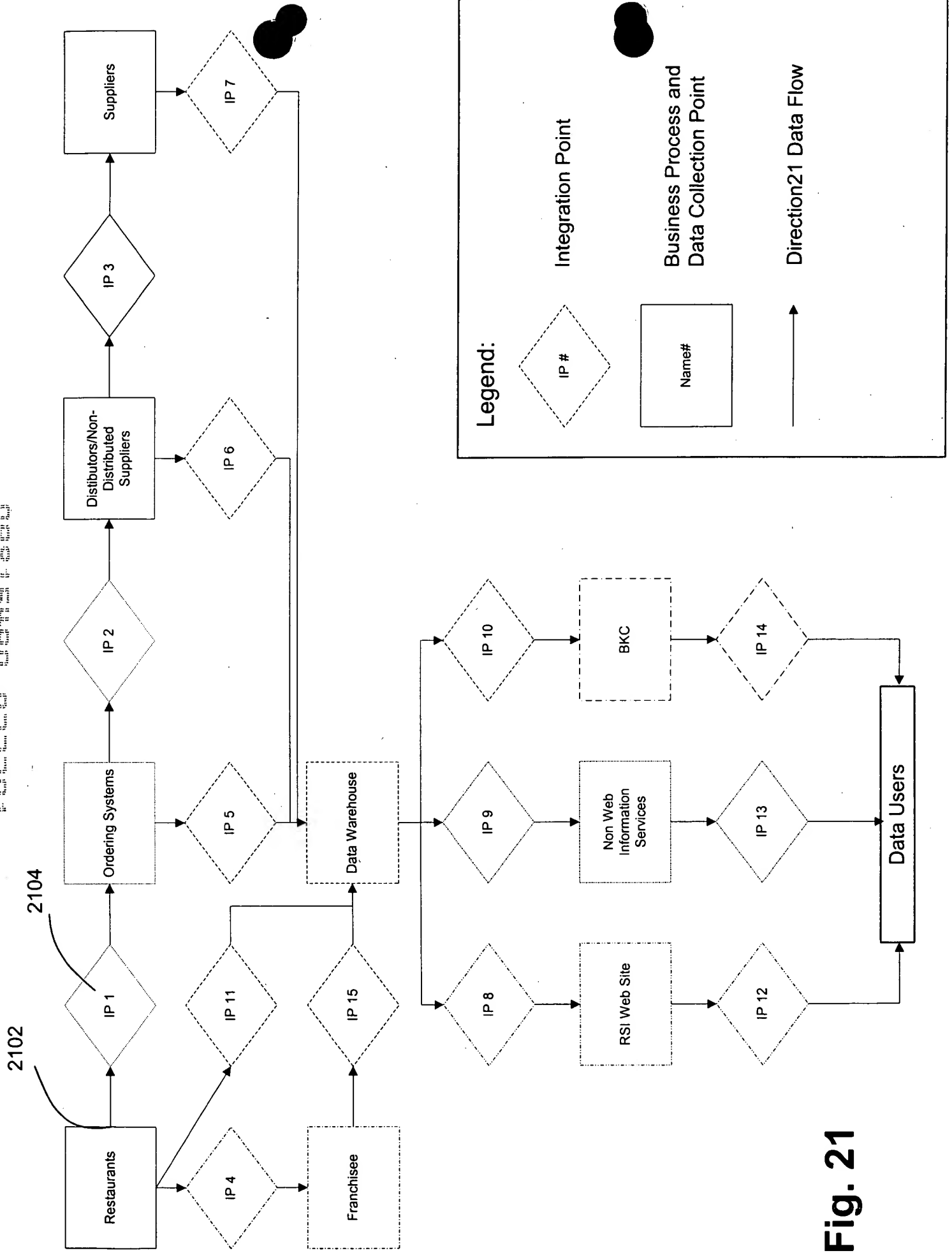
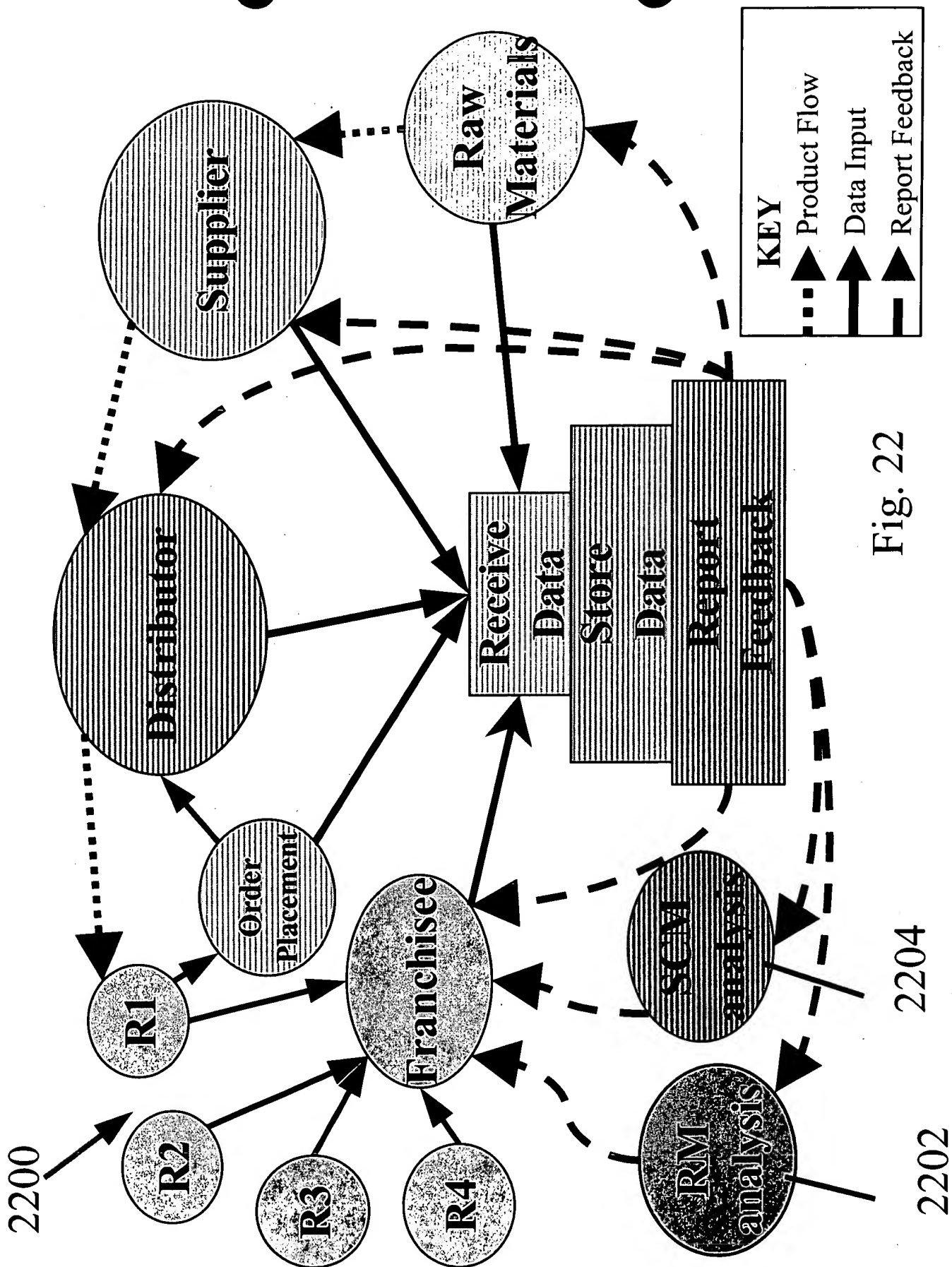
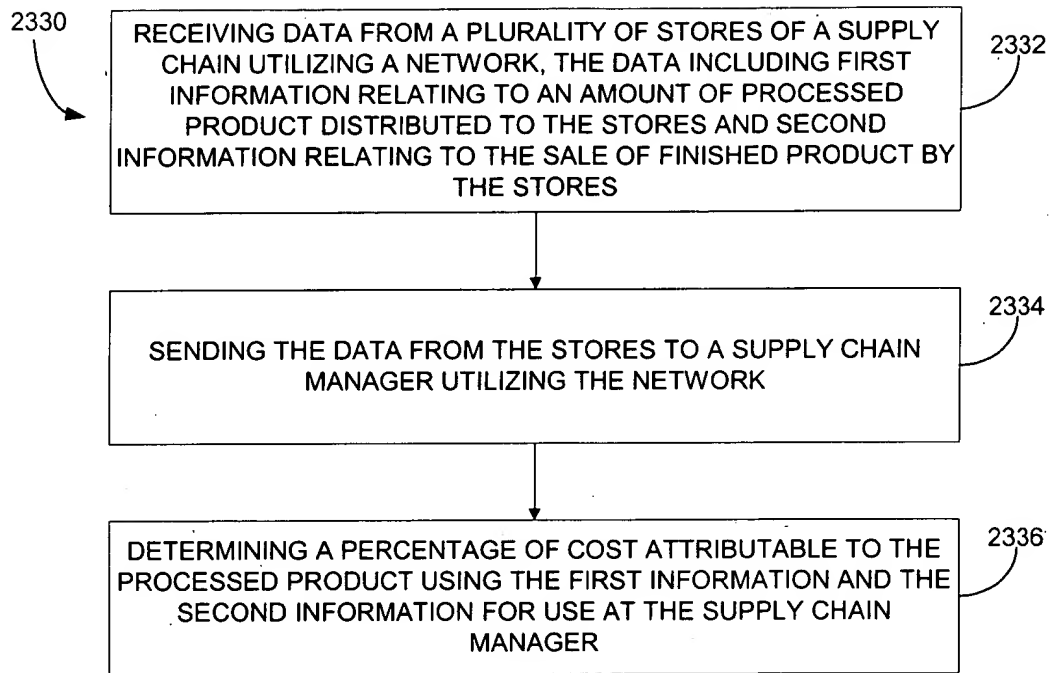


Fig. 21





**FIG. 23**

FIG. 24

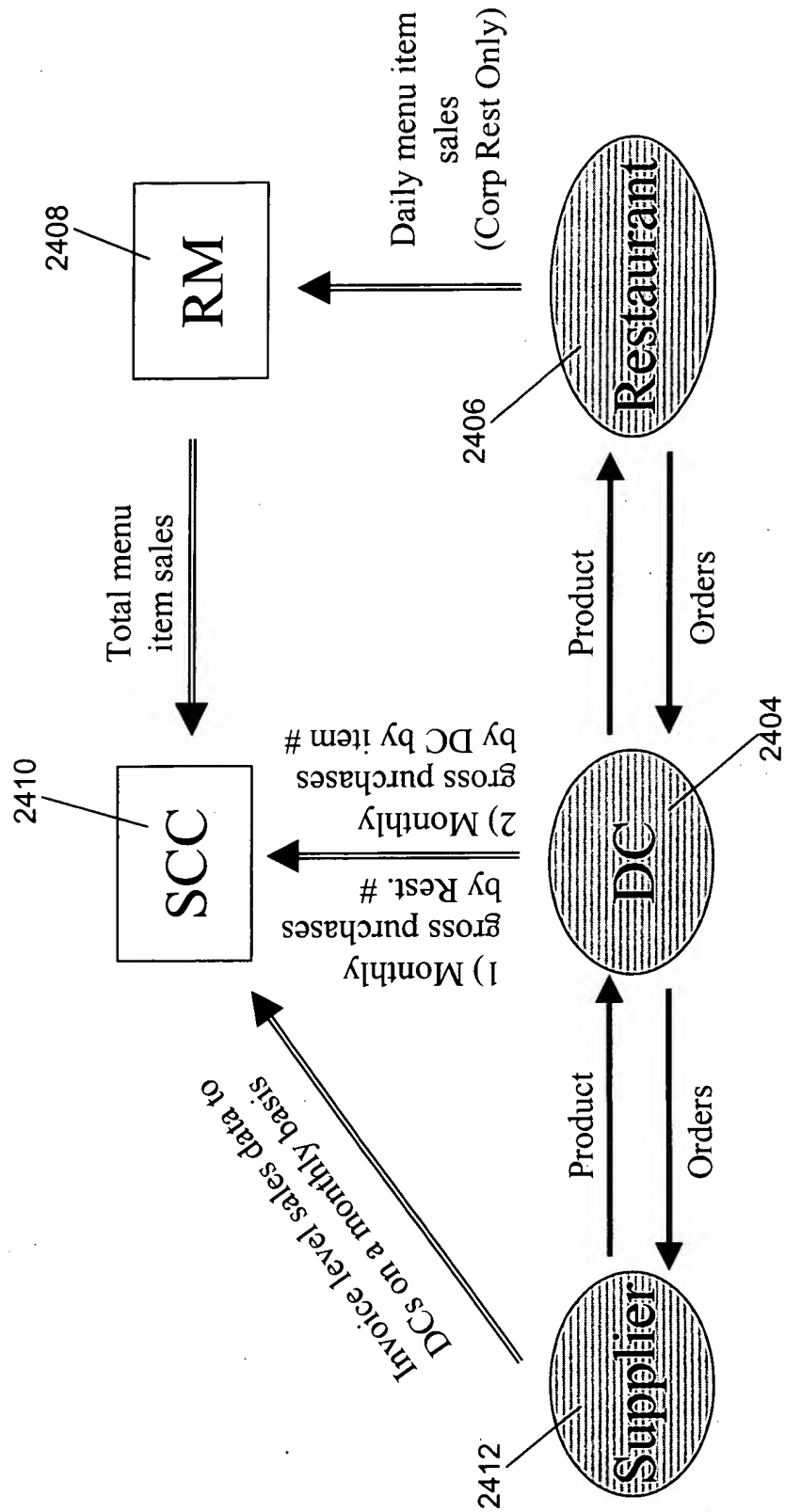
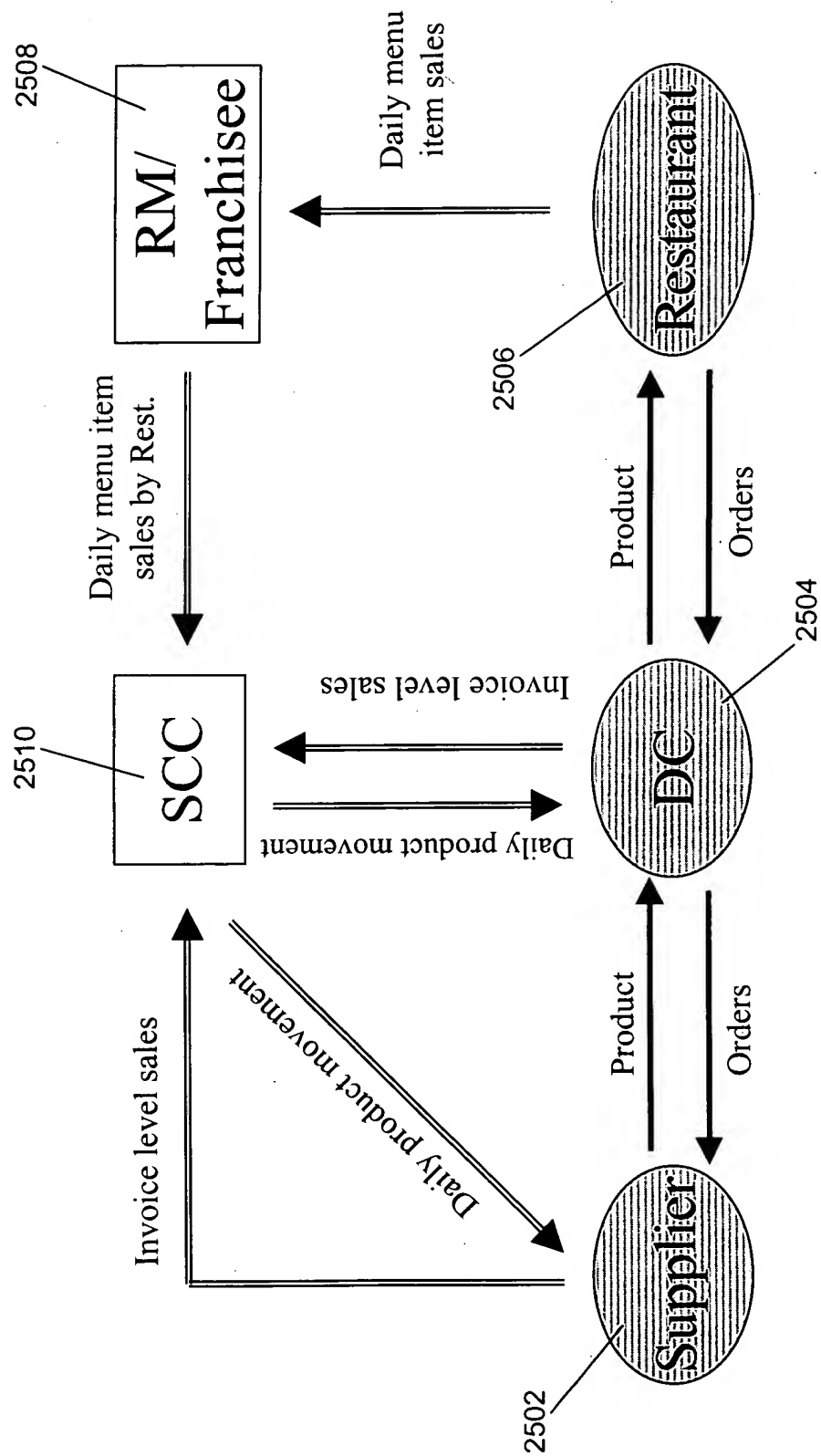


FIG. 25



# FIG. 26

2600

2602

2604

FIG. 26

Sales Forecast Worksheet - System

2600

2602

2604

Week

Q1

Q2

W-6

W-5

W-4

W-3

W-2

W-1

W+1

W+2

W+3

W+4

W+5

W+6

Q3

Q4

History

Forecast

GRP's

Ntn'l Marketing Theme

Advertising Score

Local Considerations

Competition Index

Weather Index

Seasonality Index

Sales History/Forecast Total (\$/store)

Key Products by Menu Item (units/day/store)

WHOPPERS

WHOPPERS W/CHEESE

YWVM WHOPPERS

etc.....

Key Products by Inventory Item (cases/day/store)

Beef-Whopper 4.0 oz

Cheese-American Sliced

Mayo-bulk

Pickles - Pail

Wrap Whopper

Ketchup- Bulk

Bun-Whopper 5" (dozen)

Lettuce - shredded

Tomatoes

Onions - sliced

etc...

2600

2602

2604

FIG. 27

FIG. 27

2700



Promotional Monitor - System & Regional

		History				Week #1							
		W-4	W-3	W-2	W-1	D+1	D+2	D+3	D+4	D+5	D+6	D+7	Total
Total Sales(\$/Store)		\$23,000	\$23,500	\$23,250	\$23,450	\$2,888	\$3,150	\$3,413	\$3,413	\$3,675	\$5,513	\$4,200	\$26,250
Menu Item Sales for Key Products(units/restaurant/week)													
Category	Segment												
Whopper	WHOPPERS	215	211	228	269	32	34	37	37	40	60	46	286
	WHOPPERS W/CHEESE	146	142	148	162	18	20	21	21	23	35	26	165
	YWWM WHOPPERS	699	679	714	813	94	103	111	111	120	180	137	857
Whopper Total		1,060	1,032	1,090	1,244	144	157	170	170	183	275	209	1,309
Variance from Expected (Highlighted Areas are Outside of Expected Range)													
Whopper	WHOPPERS	11.4%	-9.8%	-23.2%	-4.6%	2.3%	3.0%	1.0%	4.0%	11.0%	16.0%	8.0%	6.5%
	WHOPPERS W/CHEESE	8.1%	-8.4%	-24.5%	-5.8%	1.0%	4.0%	1.0%	4.0%	13.0%	14.0%	9.0%	6.6%
	YWWM WHOPPERS	12.2%	-10.7%	-22.5%	-1.9%	3.0%	3.0%	1.0%	5.0%	16.0%	19.0%	7.0%	7.7%
Whopper Total		10.6%	-9.6%	-23.4%	-4.1%	2.1%	3.3%	1.0%	4.3%	13.3%	16.3%	8.0%	6.9%

2702





2830

GENERATING DATA AT A PLURALITY OF STORES OF A SUPPLY CHAIN UTILIZING A NETWORK, THE DATA RELATING TO AN ORDERING OF GOODS REQUIRED BY THE STORES

2832

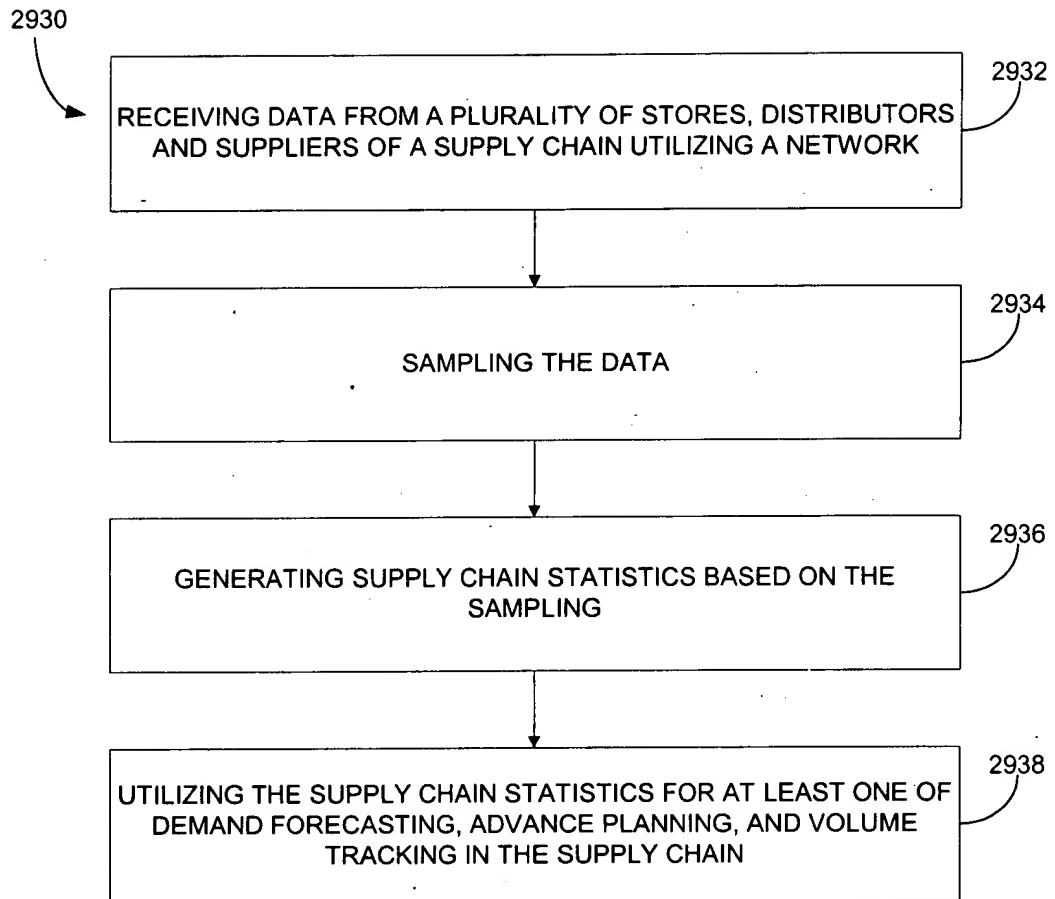
TAGGING THE DATA WITH A NUMERIC GOODS IDENTIFIER COMMON TO A PLURALITY OF DIFFERENT SUPPLY CHAIN PARTICIPANTS

2834

COMMUNICATING THE DATA AND THE NUMERIC GOODS IDENTIFIER TO AT LEAST ONE OF THE SUPPLY CHAIN PARTICIPANTS UTILIZING THE NETWORK, WHEREIN THE AT LEAST ONE SUPPLY CHAIN PARTICIPANT IS CAPABLE OF USING THE DATA AND THE NUMERIC GOODS IDENTIFIER FOR FULFILLMENT OF THE ORDER

2836

**FIG. 28**



**FIG. 29**

3000

Distribution Center: Alliant Topeka

Time Period (Month/Yr): Jun-00

### Delivery Order Fill Rate

Total Cases Ordered:	65712
----------------------	-------

Operations:	Warehouse Outs	Damages	MisPicks	Short on Truck	Overlooked and Not Returned	Total Operations
Cases:	154	68	62	284		568
Percent	0.23%	0.10%	0.09%	0.43%	0.00%	0.86%

Purchasing:	Out of Stocks	Substitutions	Out of Code	Total Purchasing
Cases:	990	70		1060
Percent:	1.51%	0.11%	0.00%	1.61%

Distribution Center Total:	Cases	Percent
Operations:	568	0.86%
Purchasing:	1060	1.61%
Grand Total:	1628	2.48%

<b>Delivery Order Fill Rate:</b>	<b>97.52%</b>
----------------------------------	---------------

### On-Time Delivery Rate

<b>Total # of Deliveries:</b>	1232
<b># of On-Time Deliveries:</b>	
<b>On-Time Delivery Rate:</b>	0.00%

### Perfect Order Rate

Total # of Deliveries:	1232
Total # of Perfect Orders:	725
Perfect Order Rate:	58.85%

**FIG. 30**

# Alliant - Monthly DC Data Feed Performance August 2000 Mock Report

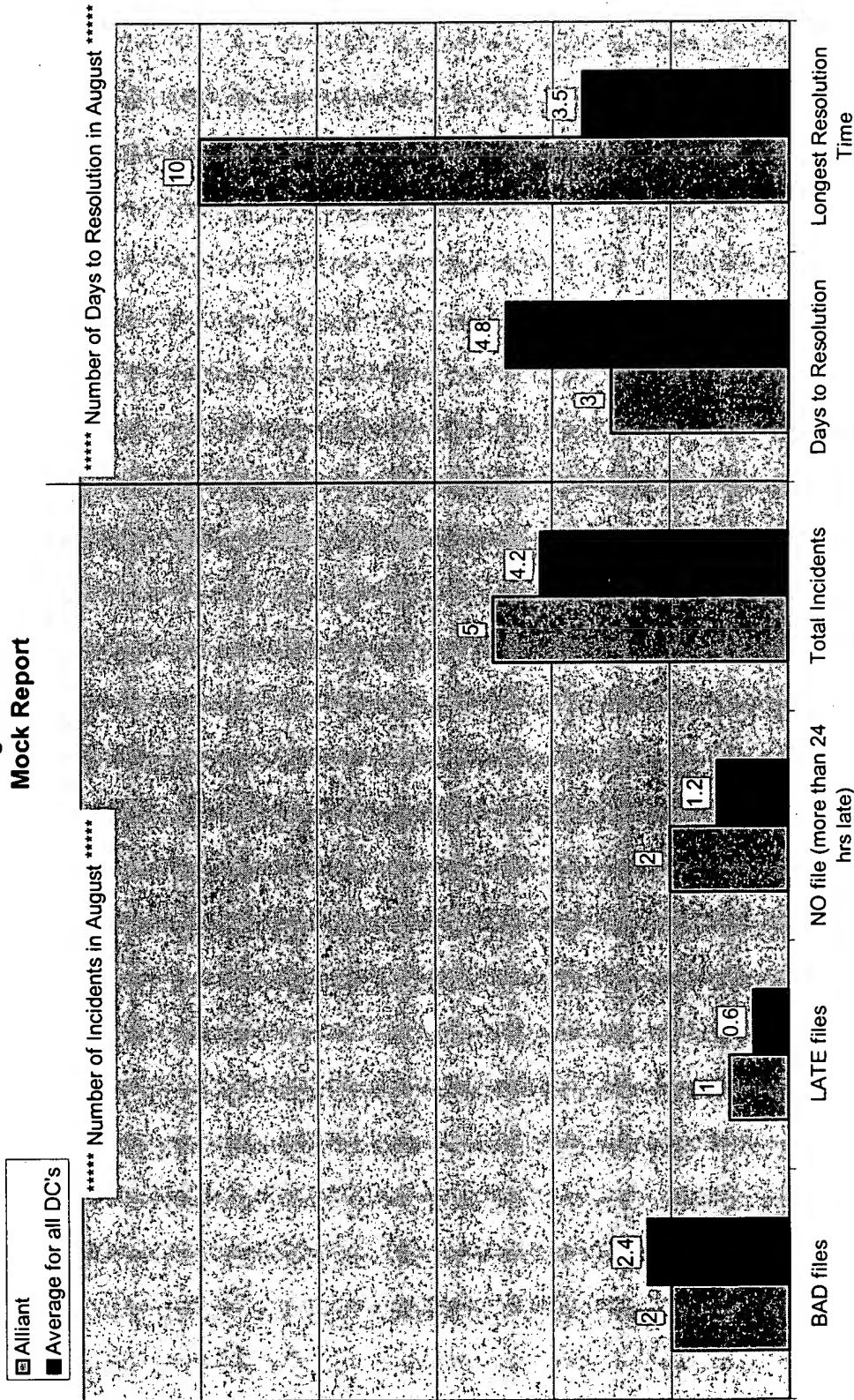


FIG. 31

3200



# Service Level Reporting August

	Fill Rate	On - Time	Perfect Order
Alliant:Paducah	99.14%	99.06%	
Alliant:Topeka			
Alliant:Wixom	99.05%	98.74%	
King-Atlanta	99.34%	92.91%	78.70%
King-Jacksonville	98.65%	95.66%	80.90%
King-Louisville	98.78%	94.63%	85.98%
Maines:29 Conklin	99.41%		79.25%
Maines:30 Cleveland			
Maines:Long Island	99.41%		
Maines:New England	99.65%		79.83%
MBM:Fullerton	99.13%	94.15%	#DIV/0!
MBM:Lewisville	98.51%	92.88%	#DIV/0!
MBM:Orlando	99.76%	93.60%	#DIV/0!
MBM:Rocky Mount	99.13%	92.46%	#DIV/0!
McCabe's	98.80%	99.72%	98.94%
McLane:Lubbock	#DIV/0!	#DIV/0!	#DIV/0!
Nicholas & Co.	99.60%	98.04%	85.97%
PED Supply	99.16%	90.79%	80.12%
PFG:Victoria	99.42%	#DIV/0!	
PYA:Monarch	99.20%	97.79%	
Reinhart:Cedar Rapids	99.05%	98.65%	
Reinhart:Oak Creek	99.31%	93.66%	
Reinhart:Rogers	99.50%	95.46%	
Restaurants:NW	99.03%	99.07%	80.47%
Shamrock:Commerce City	99.54%	94.88%	85.13%
Shamrock:Phoenix	98.81%	93.88%	
Sigma:Harrisburg	99.69%		82.85%
Sigma:Stockton	99.69%		
Sysco	99.68%	100.00%	82.47%

	Fill Rate	On - Time	Perfect Order
BKC Min	98.50%	90.00%	78.00%
RSI Min	99.50%	90.00%	80.00%

OK
Didn't meet RSI Min.
Didn't meet BK Min.

FIG. 32

FIG. 33

3300

Vendor: XYZ Company

Time Period: Aug-00

3300

**Delivery Statistics:**

DC Requested Lead-Time	4
DC Adherence to Lead-Time	95%
Days Delivery Late	1.7
On-Time Delivery Percentage	95%
Hours Delivery Late	0.93

**Invoice, Payment and Pricing:**

Days for Payment	12
Monthly FOB Variance	\$ 30,152
Monthly Freight Variance	\$ 3,594
Monthly Total Variance	\$ 33,746

**Invoice Accuracy:**

Invoice Fill Rate	97.25%
PO Accepted Rate	99.00%
Perfect Order Percentage	92.34%

**Inventory Management:**

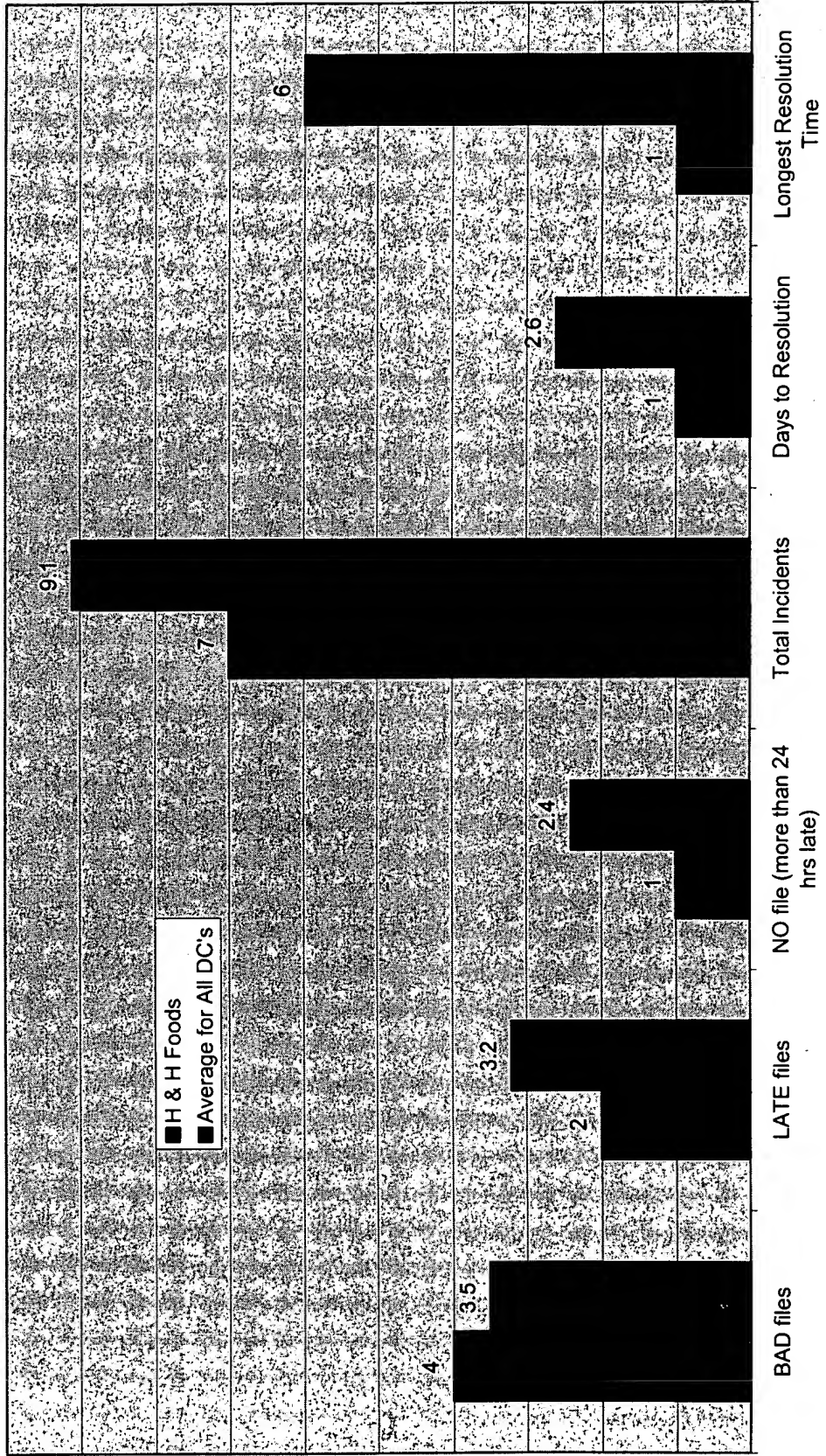
Average Days On Hand	
SKU #1	19
SKU #2	22
Max Days On Hand	
SKU #1	40
SKU #2	32
Monthly Carrying Cost	
SKU #1	\$ 42,513
SKU #2	\$ 12,589
Average as % FOB	1.25%

3400

FIG. 34

H & H Foods - Monthly Supplier Data Feed Performance  
August 2000  
Mock Report

3400







3500

**FIG. 35**

# Service Level Reporting November - Mock Report

	Monthly Total Overcharge	Perfect Order Percentage	Monthly Carrying % Invoice FOB
GOODIES	\$11904		2233%
COMARK INSTRUMENTS INC.	\$4861		
WHITEFORD FOODS INC.	\$50	974%	241%
LLEPAGE/BAKERY/COUNTRY/KITCHEN	\$3700		
NCR/SYSTEMEDIA	\$0	921%	216%
SIGNATURE MEATS GROUP	\$50		194%
SCHWEBEL'S BAKING CO.	\$0	951%	150%
MALICUP	\$0		
MIRAPLASTICS	\$0		125%
DIXIE PRODUCE & PACKAGING			
NOR-PAKE INC.	\$0		
EORT/JAMES OPERATING COMPANY	\$0		148%
FRESH ADVANTAGE FC	\$0	886%	190%
SILVER KING - MNE CORP.			
TYSON FOODS	\$0		
READY ACCESS			
GEORGIA PACIFIC TISSUE			244%
CLOUGHERRY PACKING		948%	251%
BEVERAGE AIR	\$0	934%	
COMPONENT HARDWARE GROUP INC.			208%
COCA-COLA USA	\$0		
TOASTMASTER	\$1909	935%	155%
GRANT COUNTY FOODS		963%	220%
FRESH EXPRESS	\$0		
TAYLOR FARMS			104%
MODULAR DISPENSING SYSTEM	\$0		
CENTURY PRODUCTS LLC	\$3423		
ROSEPACKING COMPANY		93%	298%

	Monthly Total Overcharge	Perfect Order Percentage	Monthly Carrying % Invoice FOB
RSJ Min	\$5,000.00	92.00%	3.00%

OK	OK
Didn't meet PSI Min	Didn't meet PSI Min



3600

/1 Includes on food cost index items.  
/2 Based on FY 99 Sales Volumes

**FIG. 36**

3730

IDENTIFYING DATA ASSOCIATED WITH A PROMOTION, THE DATA INCLUDING PROMOTION ITEM INFORMATION, LOCATION INFORMATION, AND DURATION INFORMATION

3732

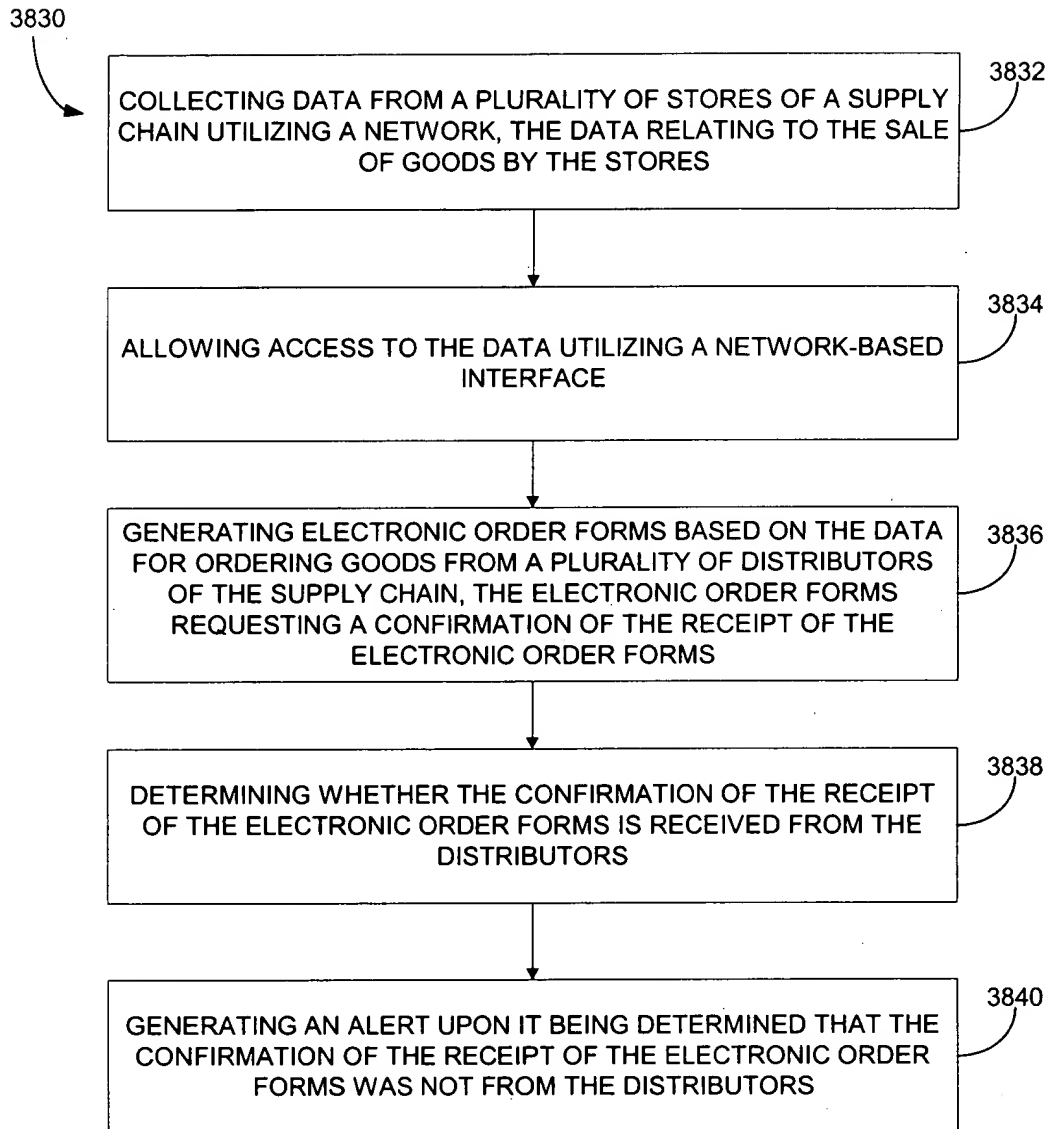
CALCULATING A PROJECTED DAILY USAGE OF THE PROMOTION ITEM FOR A PLURALITY OF LOCATIONS BASED ON THE DATA

3734

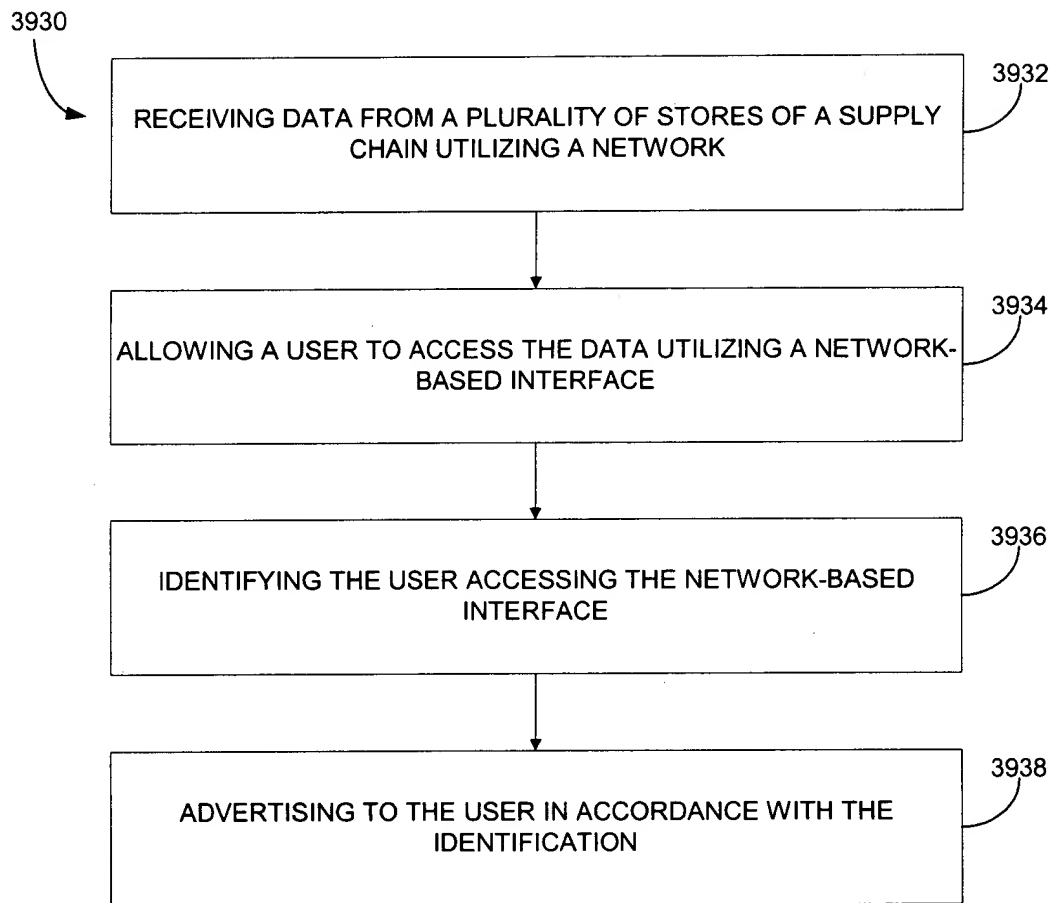
OUTPUTTING THE PROJECTED DAILY USAGE OF THE PROMOTION ITEM UTILIZING A NETWORK WITH TCP/IP PROTOCOL

3736

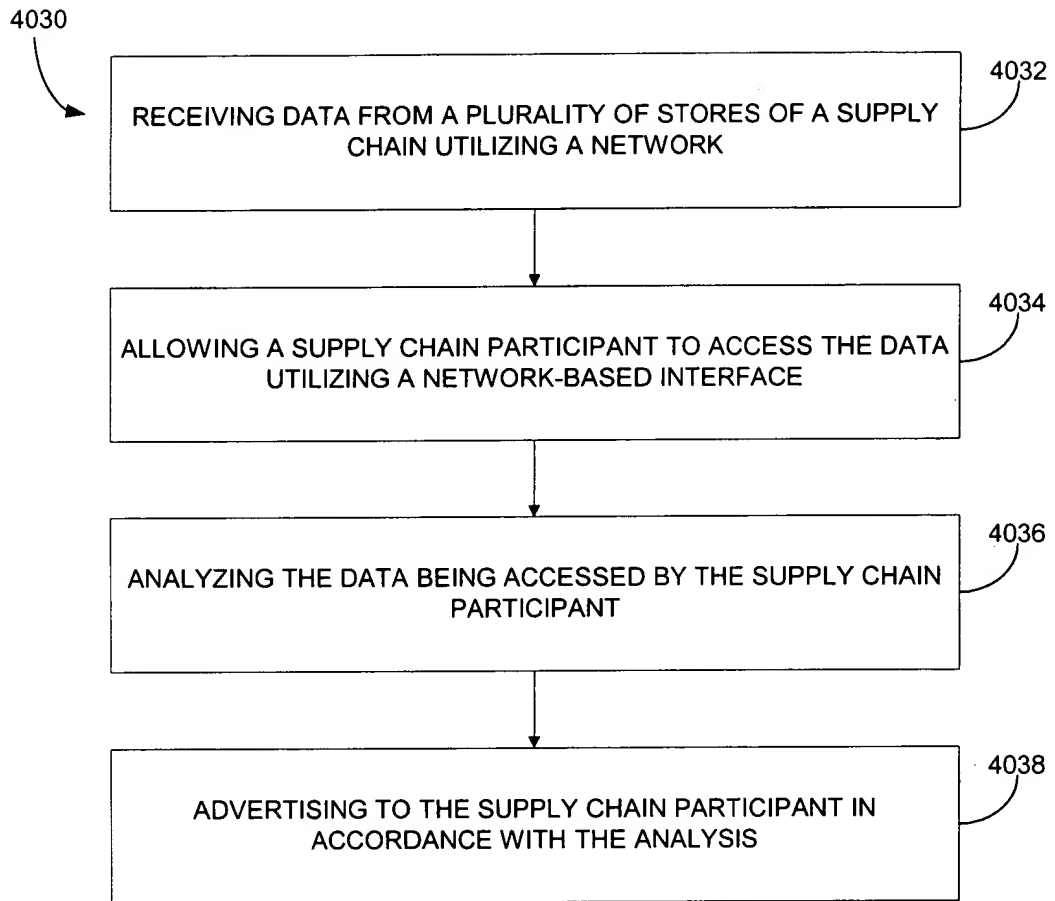
**FIG. 37**



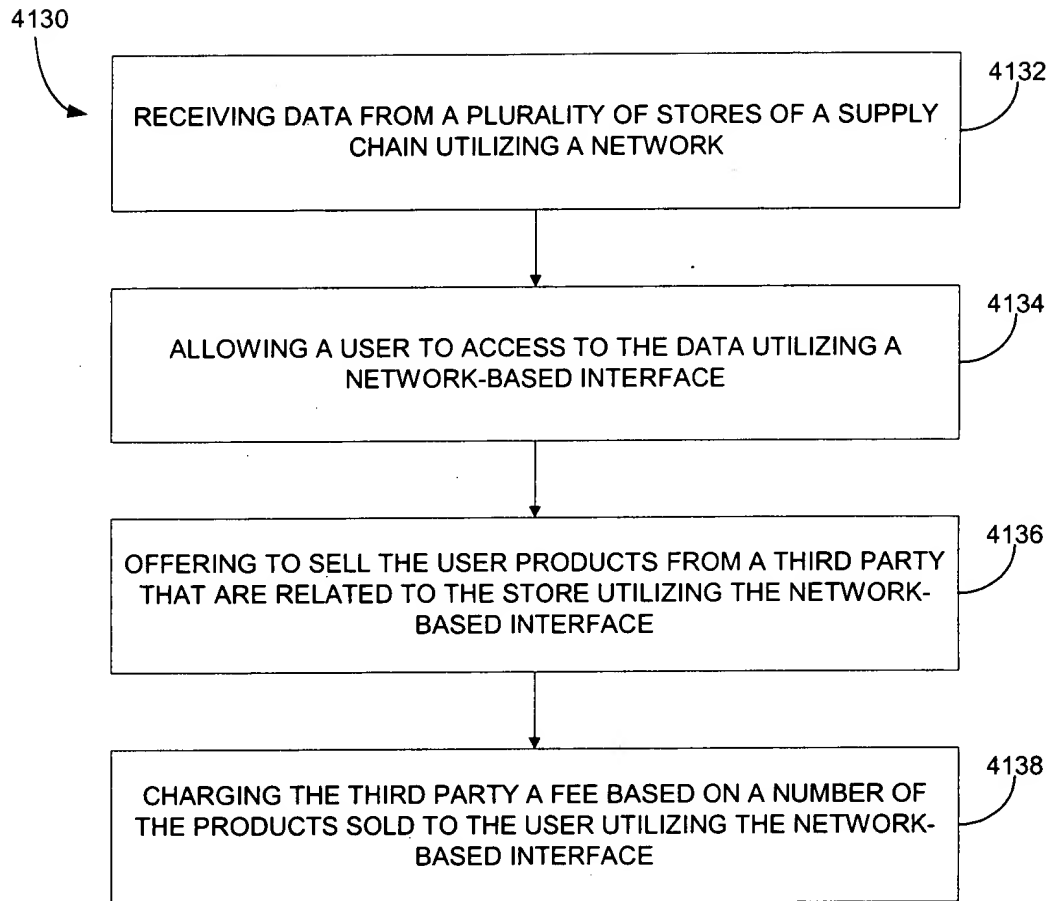
**FIG. 38**



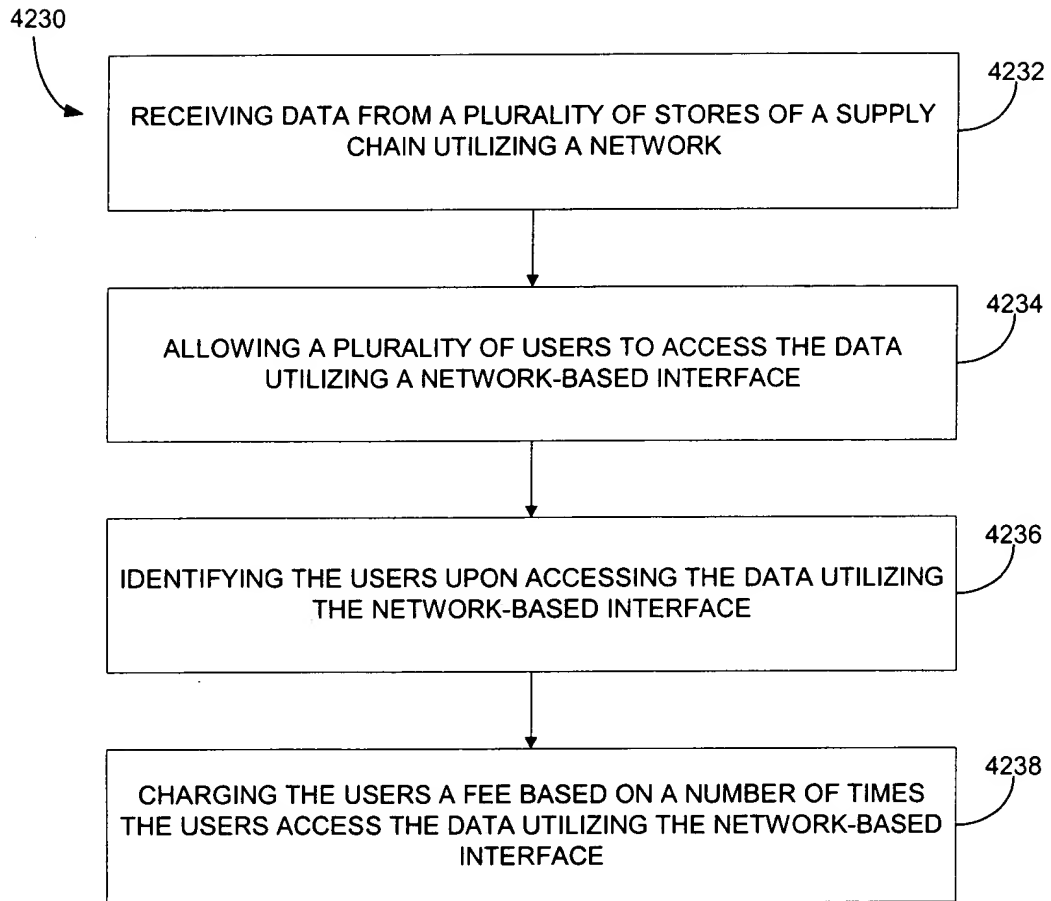
**FIG. 39**



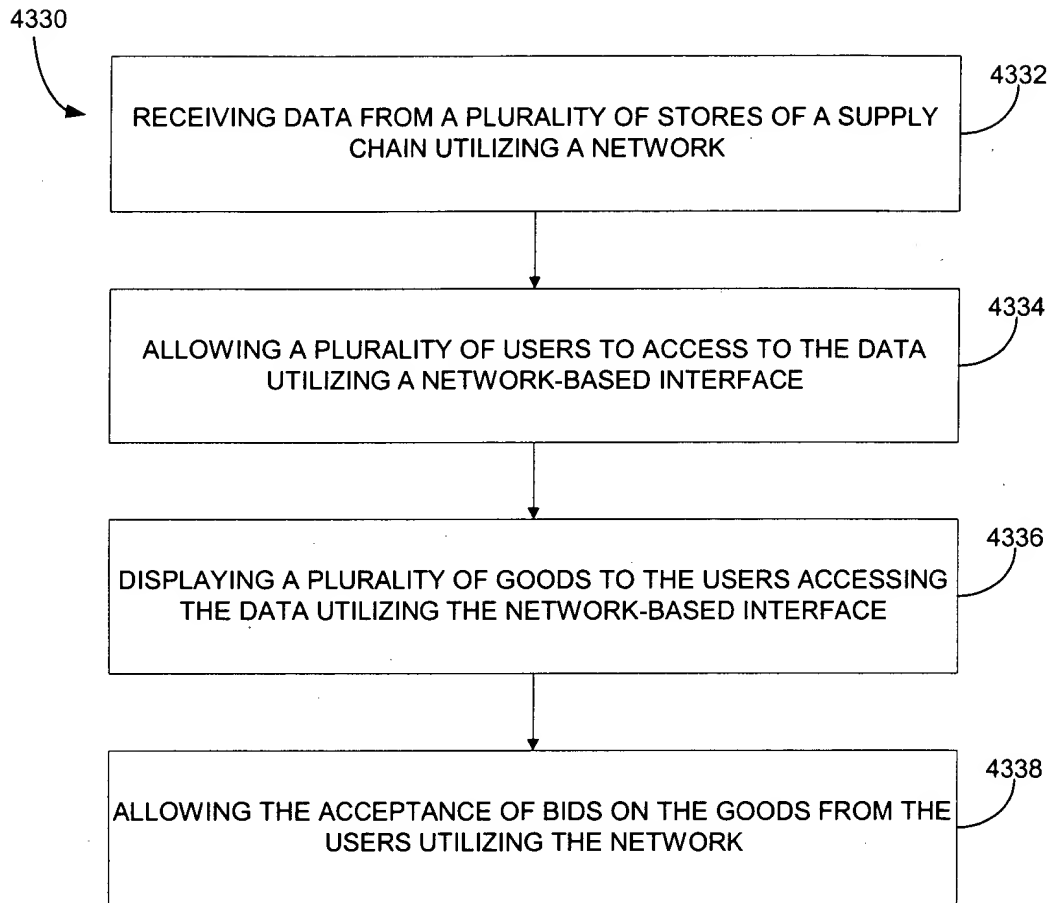
**FIG. 40**



**FIG. 41**

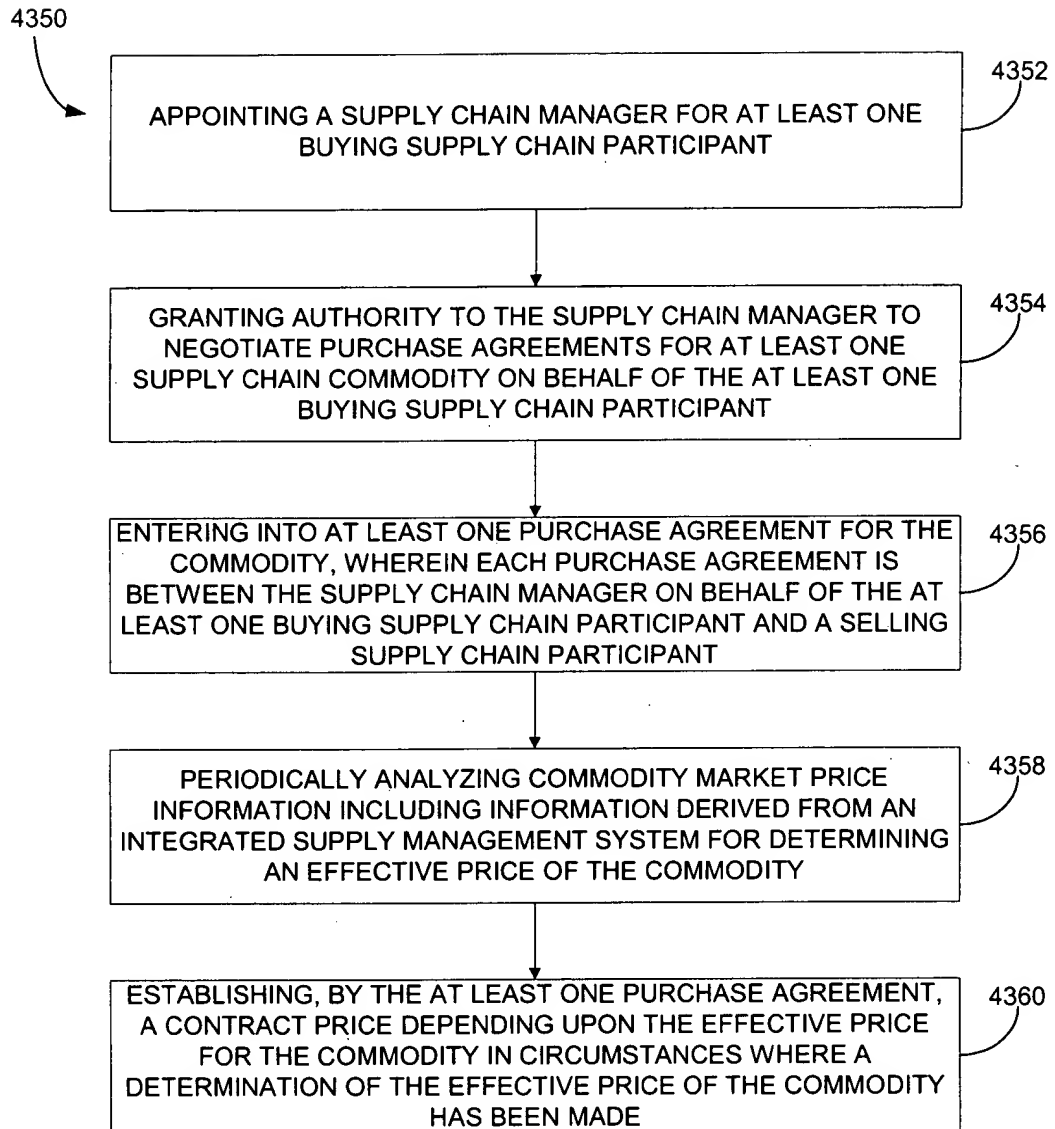


**FIG. 42**



**FIG. 43A**





**FIG. 43B**

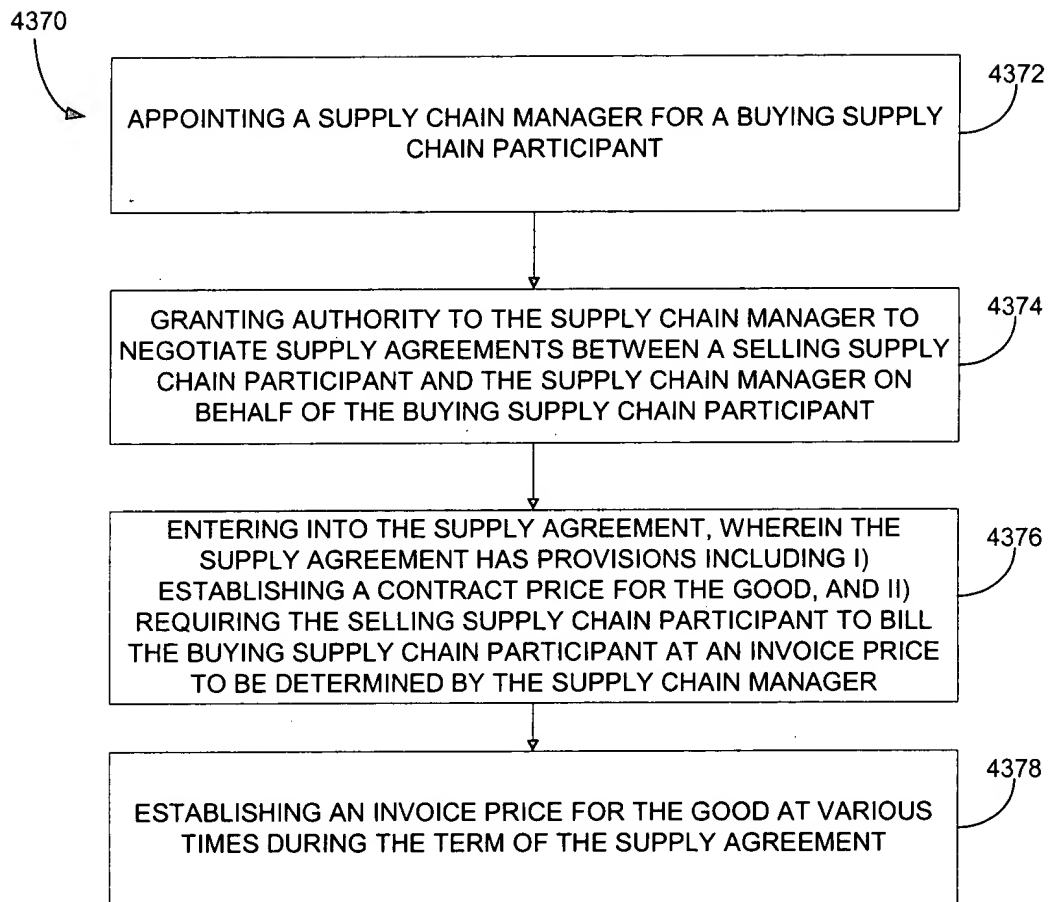
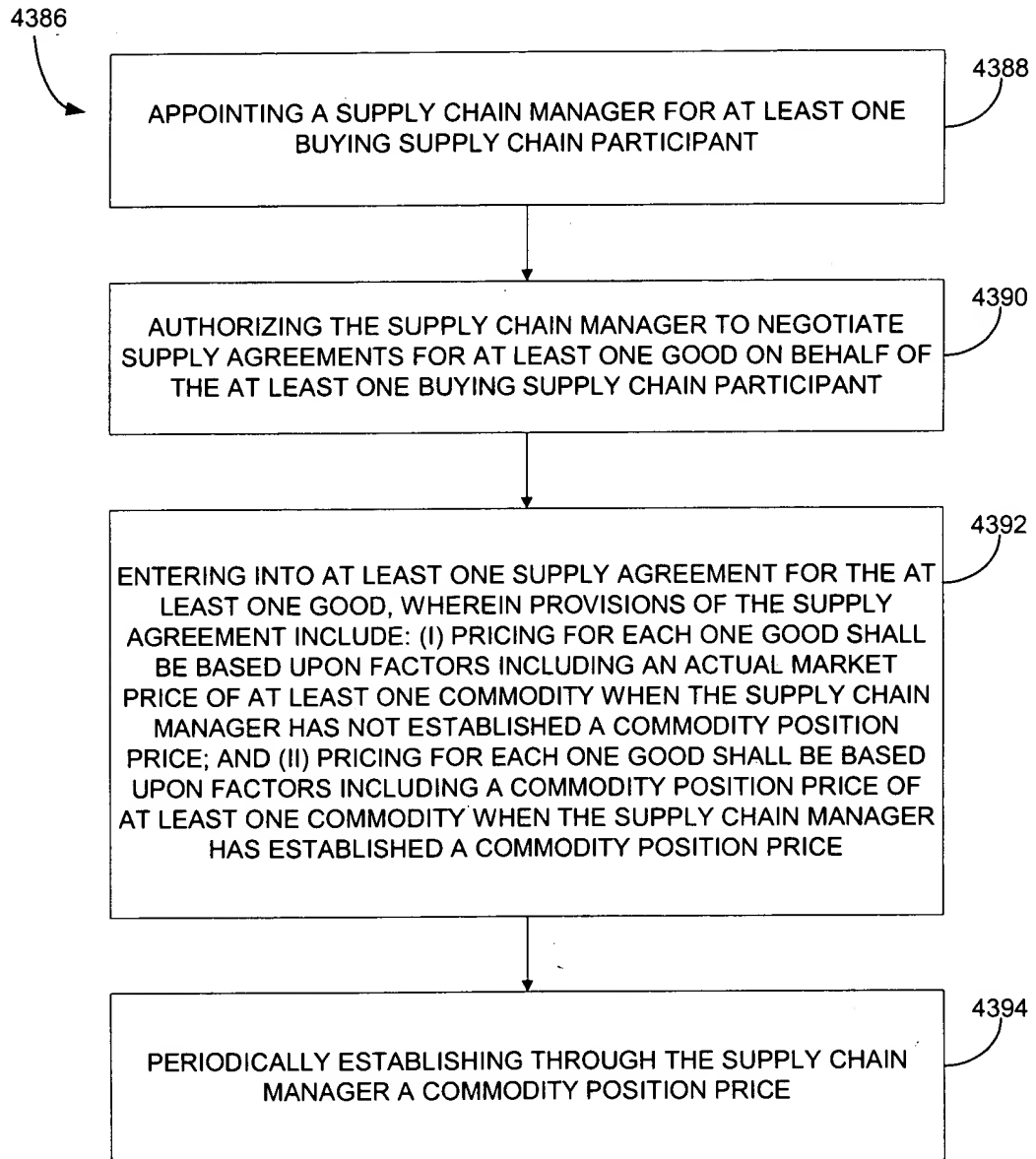
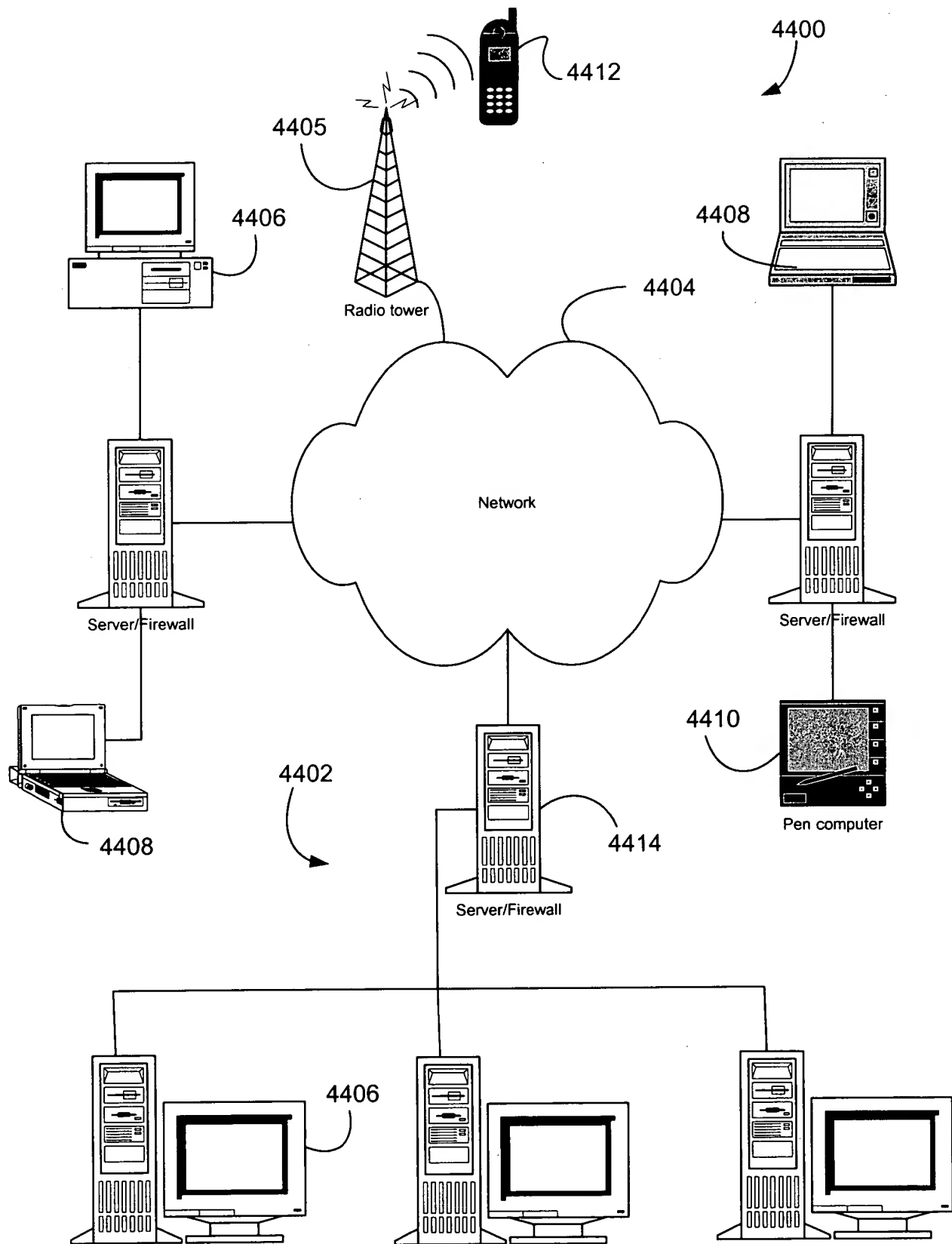


FIG. 43C



**FIG. 43D**



**FIG. 44**

FIG. 45 is a block diagram of a computer system 4500.

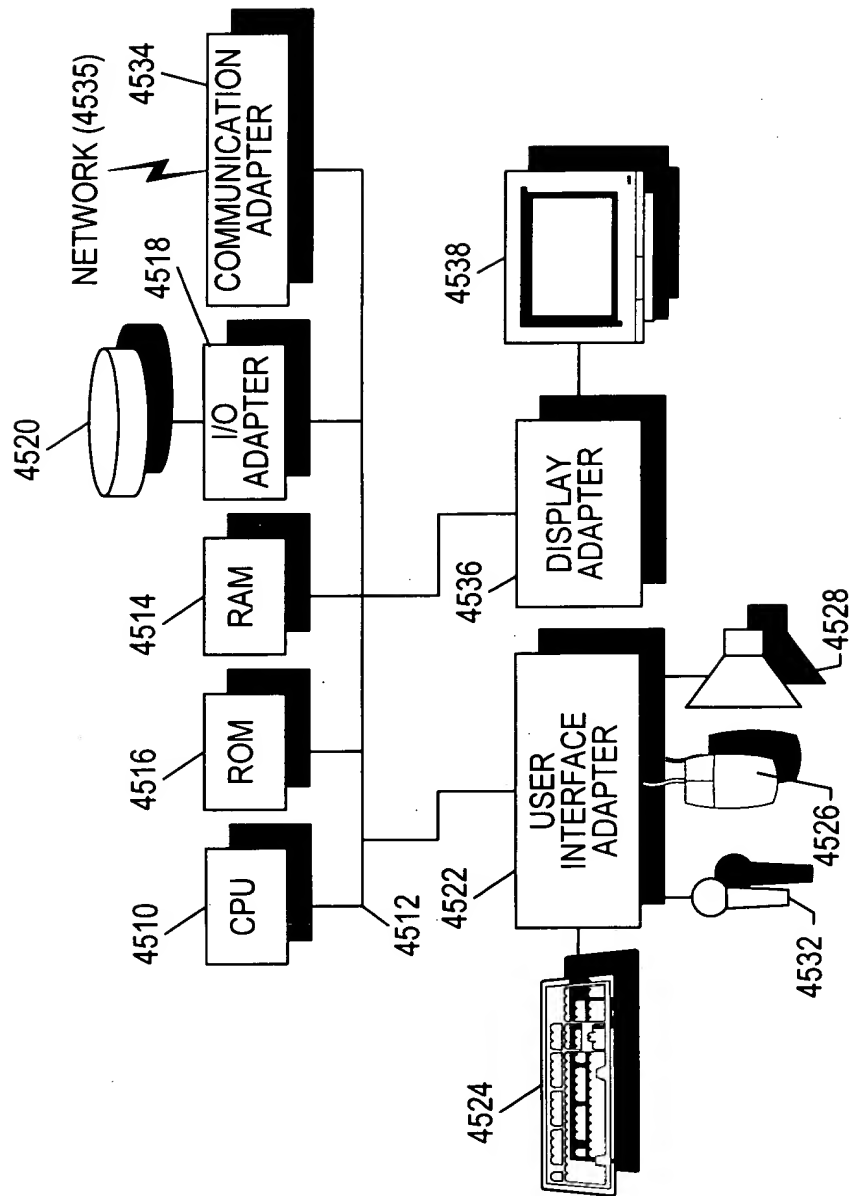
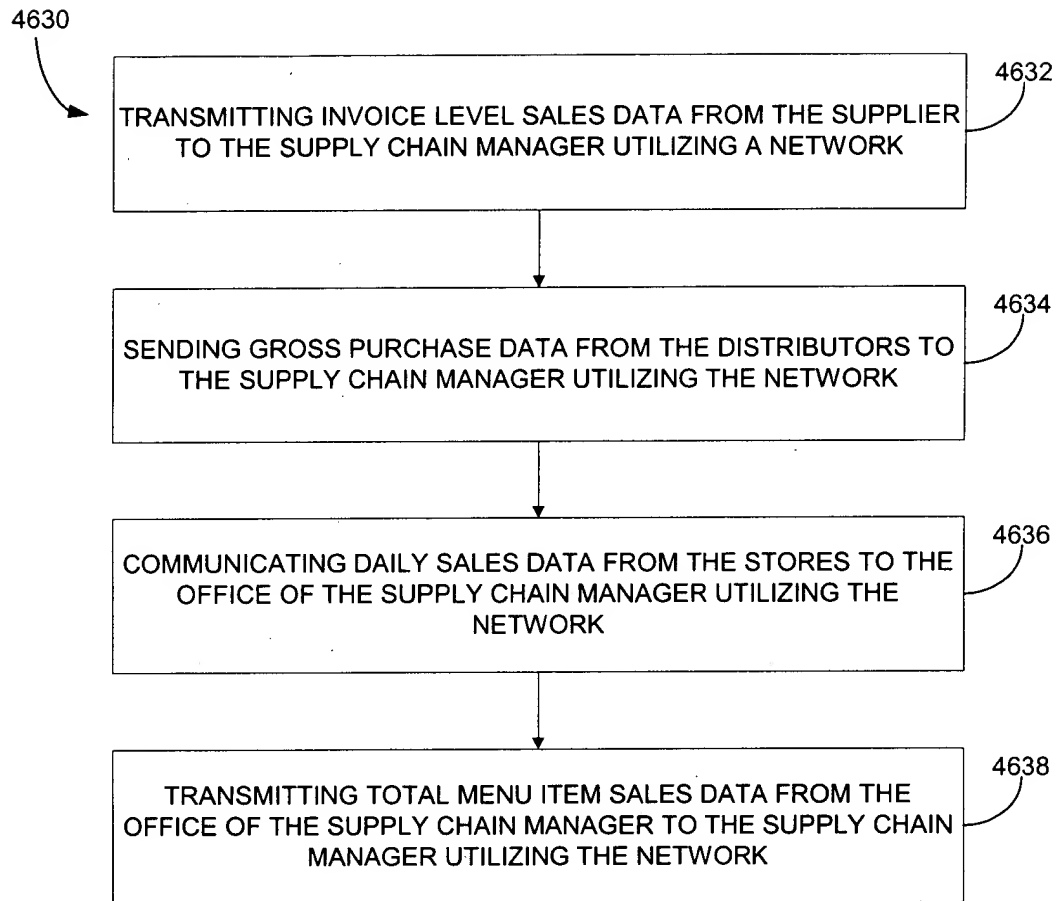


FIG. 45



**FIG. 46**

4730

TRANSMITTING INVOICE LEVEL SALES DATA FROM THE SUPPLIER  
TO THE SUPPLY CHAIN MANAGER UTILIZING A NETWORK

4732

SENDING INVOICE LEVEL SALES DATA FROM THE DISTRIBUTORS  
TO THE SUPPLY CHAIN MANAGER UTILIZING THE NETWORK

4734

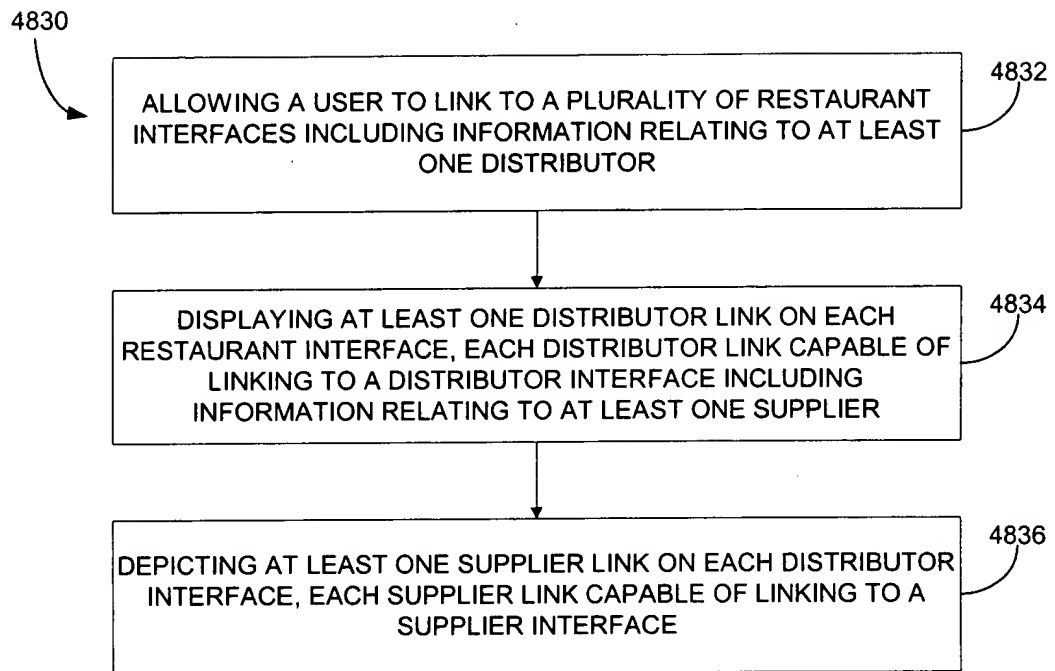
COMMUNICATING DAILY SALES DATA FROM THE STORES TO THE  
OFFICE OF THE SUPPLY CHAIN MANAGER UTILIZING THE  
NETWORK

4736

TRANSMITTING DAILY SALES DATA FROM THE OFFICE OF THE  
SUPPLY CHAIN MANAGER TO THE SUPPLY CHAIN MANAGER  
UTILIZING THE NETWORK, WHEREIN THE DAILY SALES DATA IS  
ORGANIZED BASED ON THE STORES FROM WHICH THE DAILY  
SALES DATA ORIGINATED

4738

**FIG. 47**



**FIG. 48**



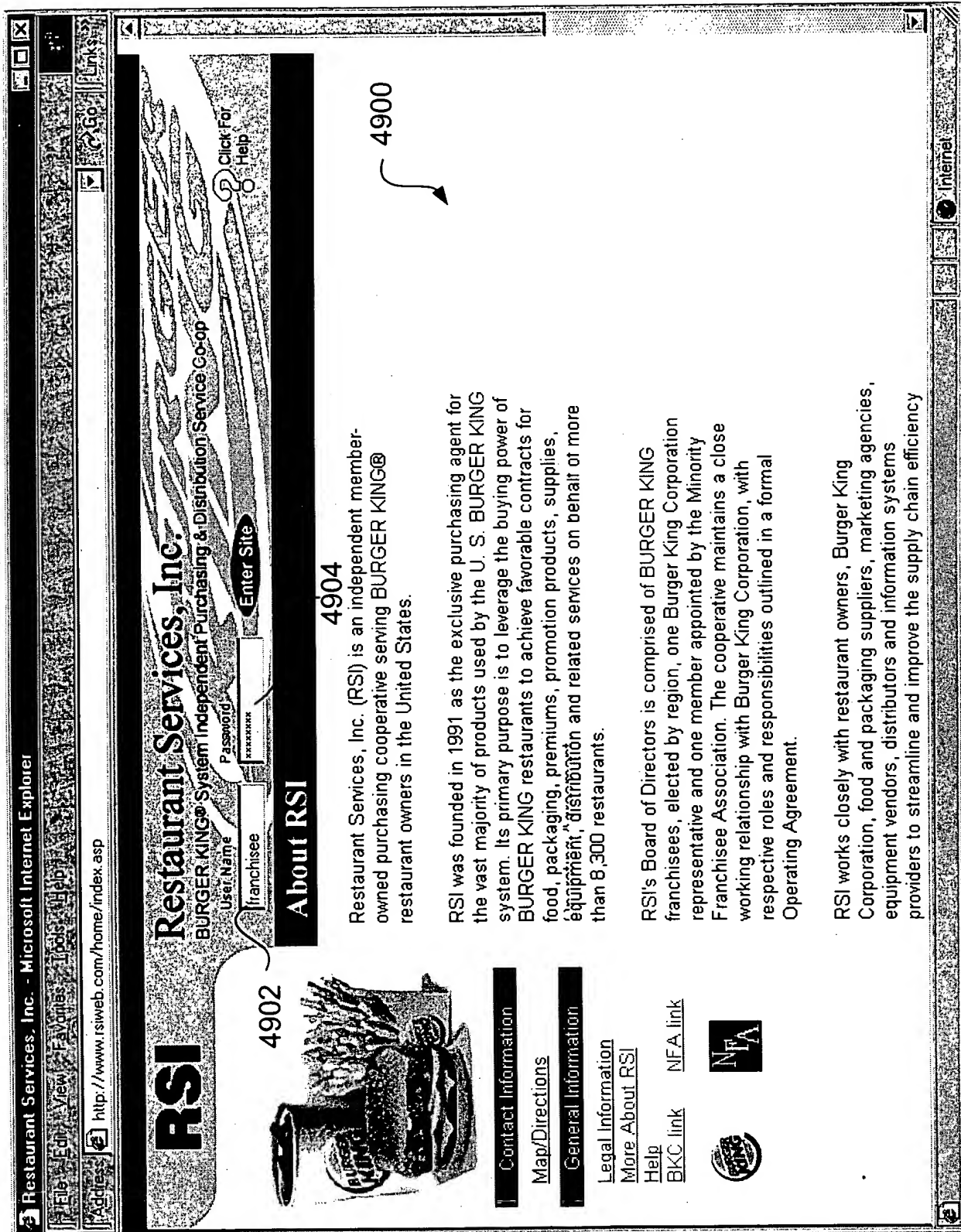


FIG. 49

RSI Main Menu - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://www.rsiweb.com/home/start.asp

Welcome Franchisee User! Tuesday, October 24, 2000

Help

**RSI**

Member

LOGOUT HOME

Franchisee

Reports

Personal Info

Legal Information

Help

**REMINDER**

BK Cravers Menu items will continue to be offered after national advertising ends November 5

5004

5006

**Franchisee**

- POS/BOH System  
Contains electronic version of the RSI Technology Guide to the P.O.S. Systems.
- Redbook
- More

5010

**Personal Info**

- Change Password
- Edit Personal Info  
Edit your personal information.
- More

5008

**Reports**

- Landed Cost  
The Distributor's costs for products that are purchased under RSI contracts - the basis for the price paid by the restaurants for distribution services.
- More

5012

**Legal Information**

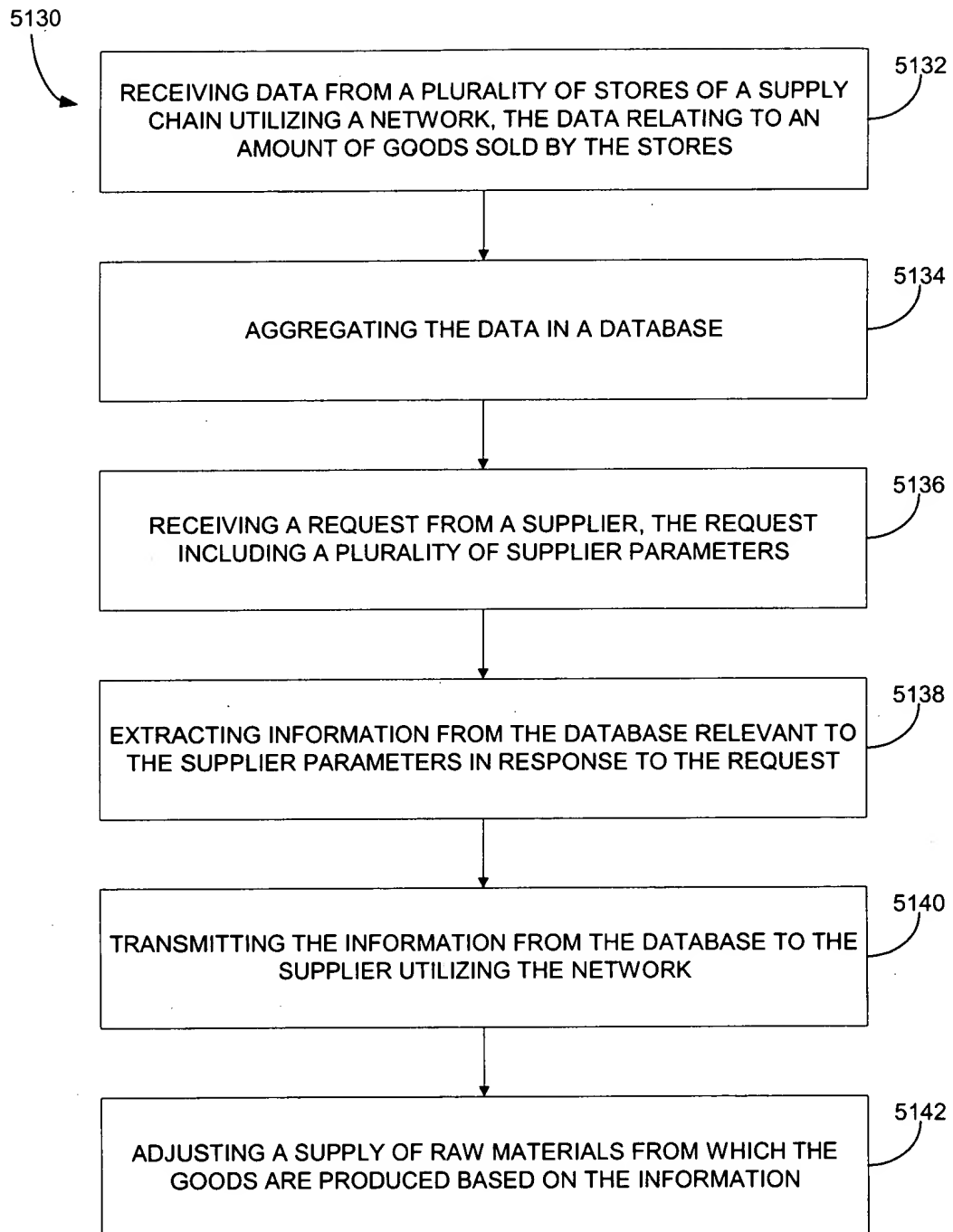
- Terms and conditions of usage and Privacy Statement.

5000

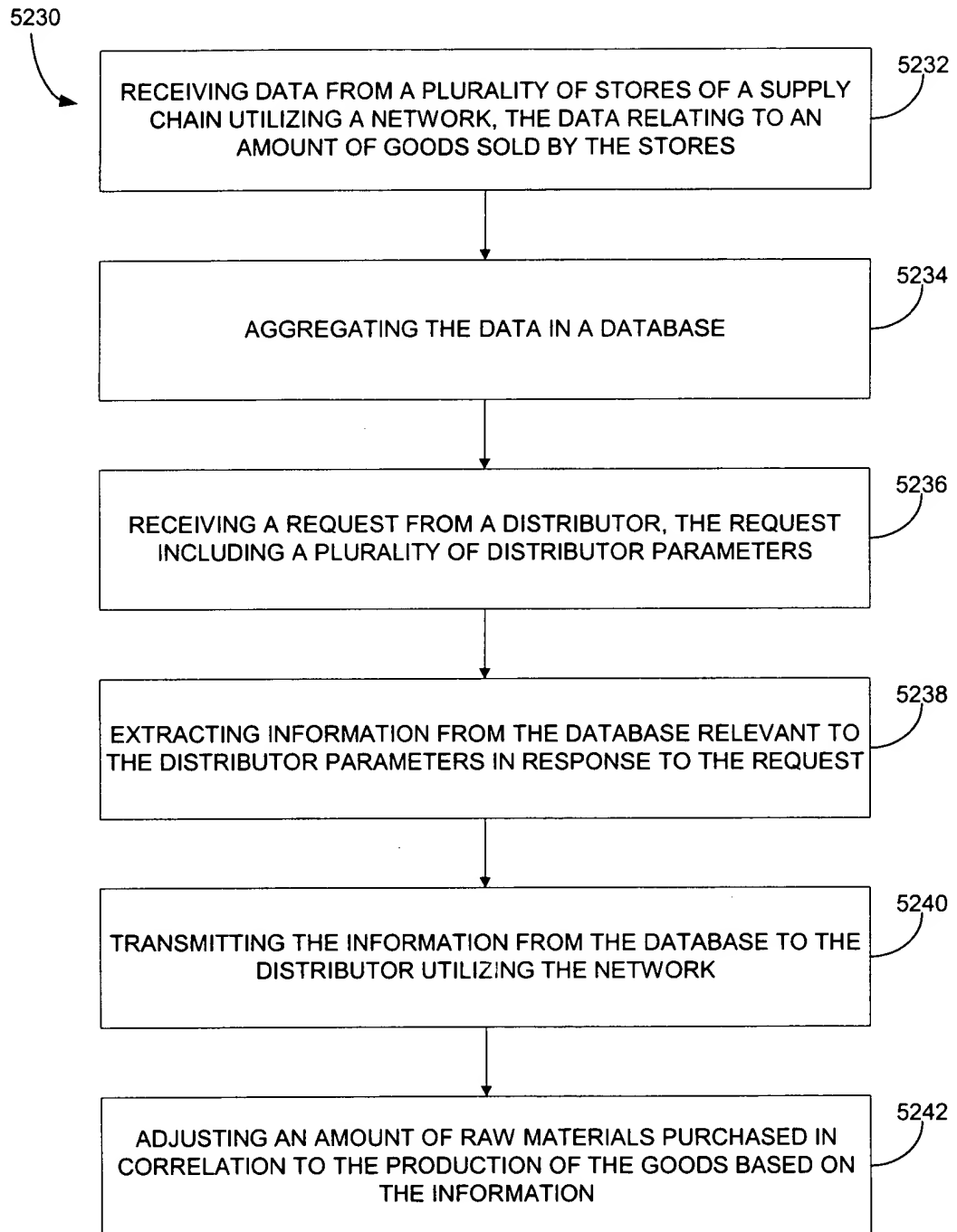
©2000 Restaurant Services, Inc. All Rights Reserved.

Internet

FIG. 50



**FIG. 51**



**FIG. 52**

www.rsibusiness.com

POS Implied Daily Usage - Distributor - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://www.rsibusiness.com/dc/d\_rposdaily.asp

**RSI**

Distributor

LOGOUT

HOME

Reports

Personal Info

Legal Information

Help

Printer Friendly Version

## POS Implied Daily Usage - Distributor Tuesday, October 24, 2000

Distribution Company: REINHART FOODSERVICE  
Distribution Center: REINHART - CEDAR RAPIDS, IA

The information contained in this report is privileged and confidential. It is intended only for viewing and use by Distributor User. If you are not Distributor User, you are hereby notified that dissemination, distribution, or copying of this report is strictly prohibited.

			14 Day Rolling (Total Cases)														Week Ending Total			
DC Item No	Item Description	% Chg 14 Day Avg	10/23	10/22	10/21	10/20	10/19	10/18	10/17	10/16	10/15	10/14	10/13	10/12	10/11	10/10	10/9	10/2	9/25	9/18
Number of Restaurants Served by DC				200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200
19866	SAUCE: BBQ BULK BULLSEYE	0.00%	13	13	21	23	18	16	16	16	14	21	21	15	13	13	109	96	80	72
20788	MUSTARD: BULK BK	0.00%	12	12	19	20	16	14	14	13	14	19	19	16	15	14	110	104	104	100
24340	MAYONNAISE: BULK BK	0.00%	134	134	197	211	173	156	154	153	150	200	206	175	165	151	1184	1146	1142	1109
24966	STRAW: WRAPPED 7.75" BK	0.00%	21	21	33	34	27	25	24	24	24	34	33	27	24	24	189	179	186	178
26318	FORK: WRAPPED BULK BK	0.00%	10	10	11	12	10	9	8	9	11	12	11	10	9	9	70	71	58	58
25462	KNIFE: WRAPPED BULK BK	0.00%	3	3	3	3	3	2	2	2	3	3	3	3	2	2	18	15	8	9
27682	KETCHUP: BULK BAG IN BOX	0.00%	89	89	134	142	115	104	102	101	100	136	139	115	108	102	796	771	776	743
27680	KETCHUP: PACKETS 10g BK	0.00%	127	127	194	205	180	143	142	139	144	197	197	180	142	140	1112	1070	1078	1044

Done

Internet

FIG. 53



Distributor

**Logout** HOME

## Reports

## Personal Info

## Legal Information

**Help**

Printer Friendly Version

**REINHART - CEDAR RAPIDS, IA**  
**Local Promotion Summary by DC**  
**Tuesday, October 24, 2000**

5400

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Local Promotion Option	ADI	Start Date	Projected City Usage	Duration		Non-Participating Restaurants
				(In Weeks)	Participating Rest Count	
32 oz. Motor Cup						
	Chicago, IL	5/1/00	85	99	8	
	Davenport-Rt-Moline, IA	6/1/00	85	32	17	
	Des Moines-Ames, IA	7/10/00	85	17	28	
	Omaha, NE	7/10/00	85	17	50	
	Peoria, IL	6/1/00	85	99	17	
	Sioux City, IA	6/28/00	85	99	10	
	Springfield-Decatur-Chmpg, IL	6/1/00	85	99	1	
32 oz. Motor Cup Total					131	
Big King						
	Cedar Rapids-Waterloo-Dubuq, IA	4/15/00		99	19	
	Davenport-Rt-Moline, IA	4/15/00		99	17	
	Ottumwa-Kirkville, IA	4/15/00		99	3	
Big King Total					39	
Pancake Minis						
	Chicago, IL	5/15/00	20	99	8	
	Peoria, IL	5/1/00	20	99	17	
	Sioux City, IA	4/15/00	20	99	10	
Pancake Minis Total					35	

**FIG. 54**







Member

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# Landed Cost Report

5600

Restaurant Number: 0003473 Date: 10/22/00 Retrieve

## Printer Friendly Version Restaurant Landed Cost Verification Report

Report Date: Sunday, October 22, 2000

Restaurant Number: 0003473

Distribution Center: REINHART - CEDAR RAPIDS, IA

Report Contact: Robert Harris  
Contact Number: 305-529-3409

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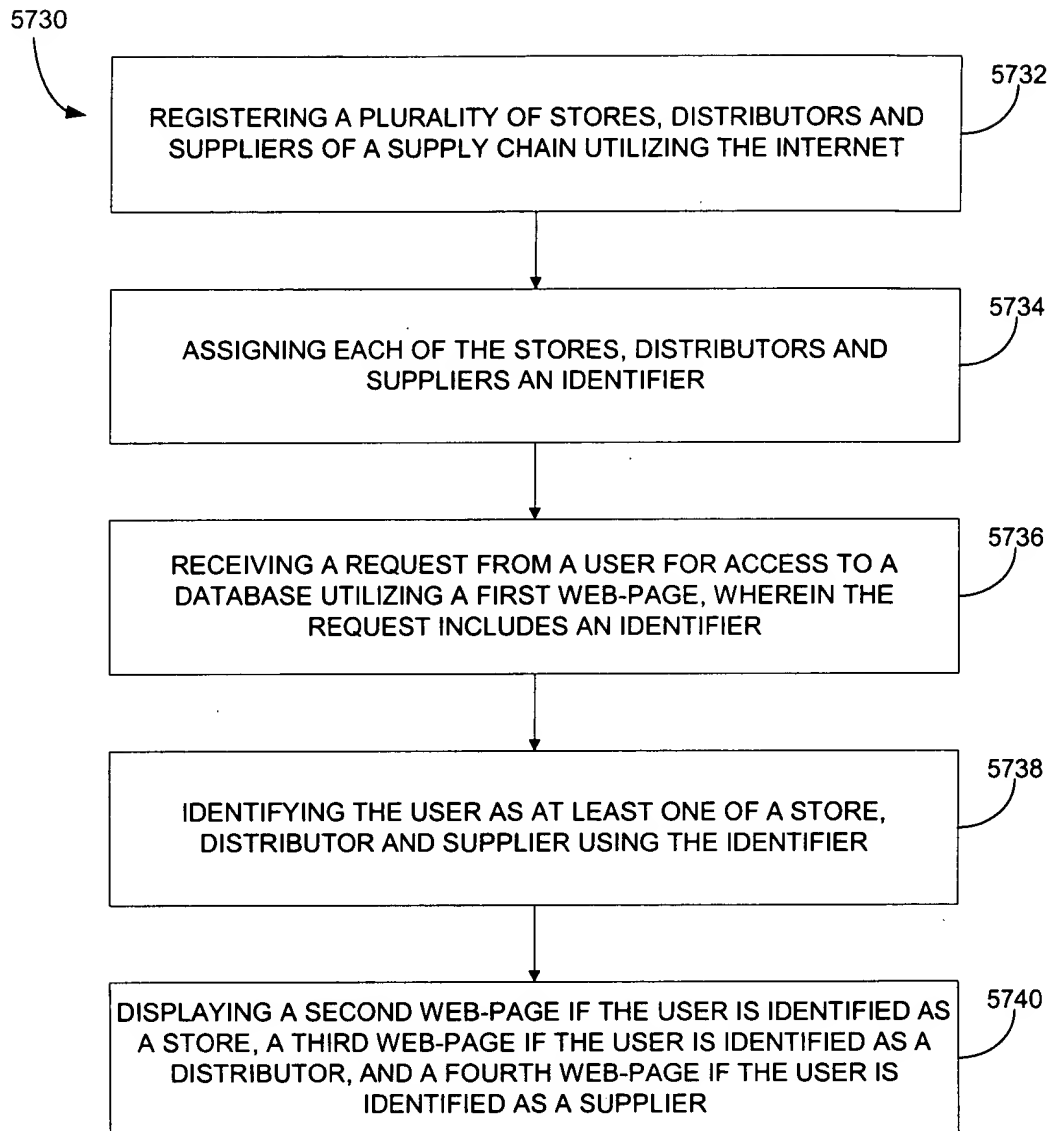
DC Item No	RSI Item No	RSI Item Description	DC Cost	Markup	Rest Cost
10340	4439	REGISTER TAPE THERMAL 2.26" X 100	\$21.27	\$1.57	\$22.84
12860	3586	SUGAR SUBSTITUTE-PINK PKT 2000 CT	\$5.87	\$1.57	\$7.44
18086	369	SAUCE-BULK-KRAFTBULLSEYE	\$24.48	\$1.57	\$26.05
19432	4473	COFFEE-FOLGERS REGULAR	\$44.50	\$1.57	\$46.07
20788	67	MUSTARD-BULK 3GAL	\$6.46	\$1.57	\$8.02
20940	4281	WRAP-LOCAL OPTION	\$29.78	\$1.57	\$31.35
24340	66	SAUCE-BULK MAYONNAISE	\$7.81	\$1.57	\$9.38
24600	4270	WATER-ICE MOUNTAIN_5L	\$6.41	\$1.57	\$7.98

Done

Internet

FIG. 56





**FIG. 57**

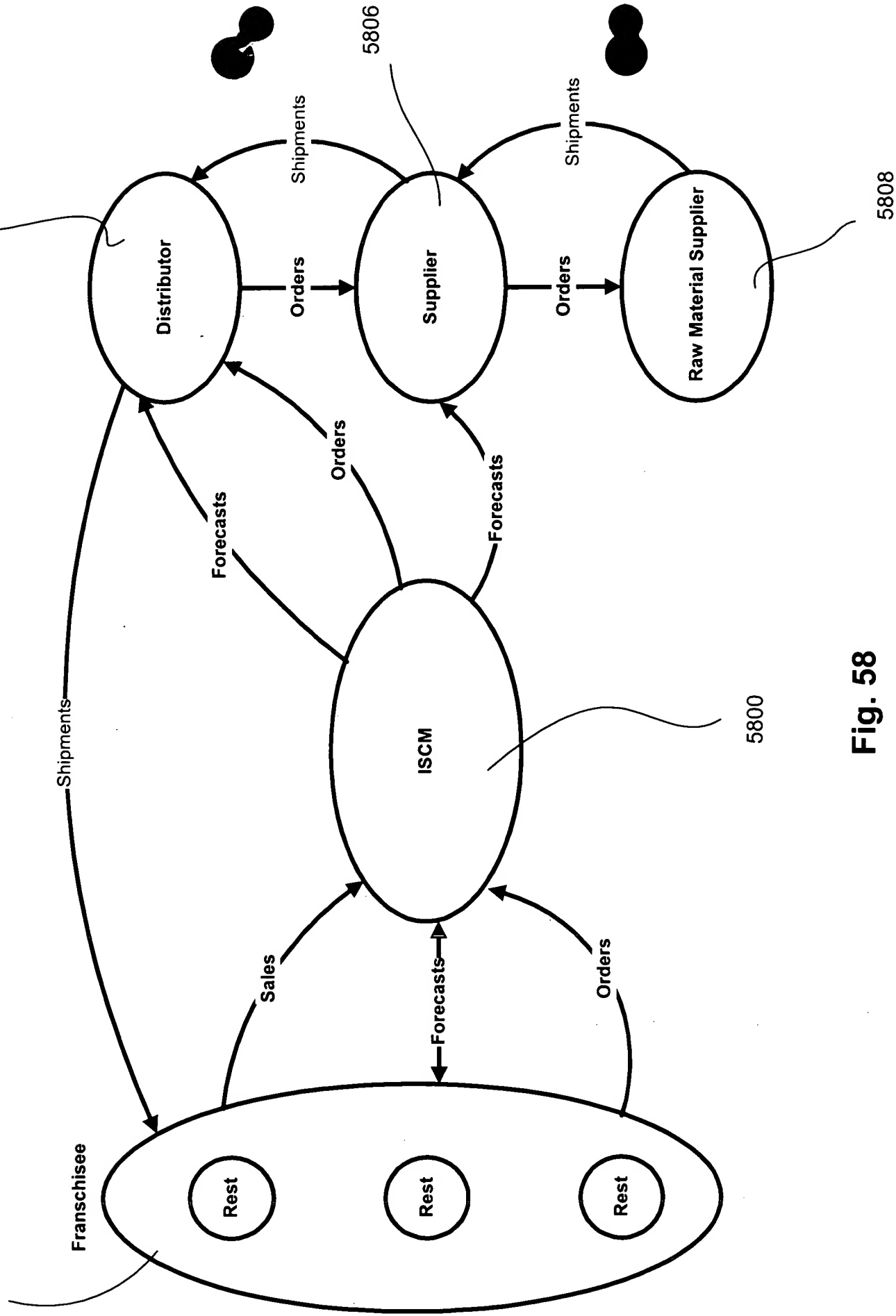
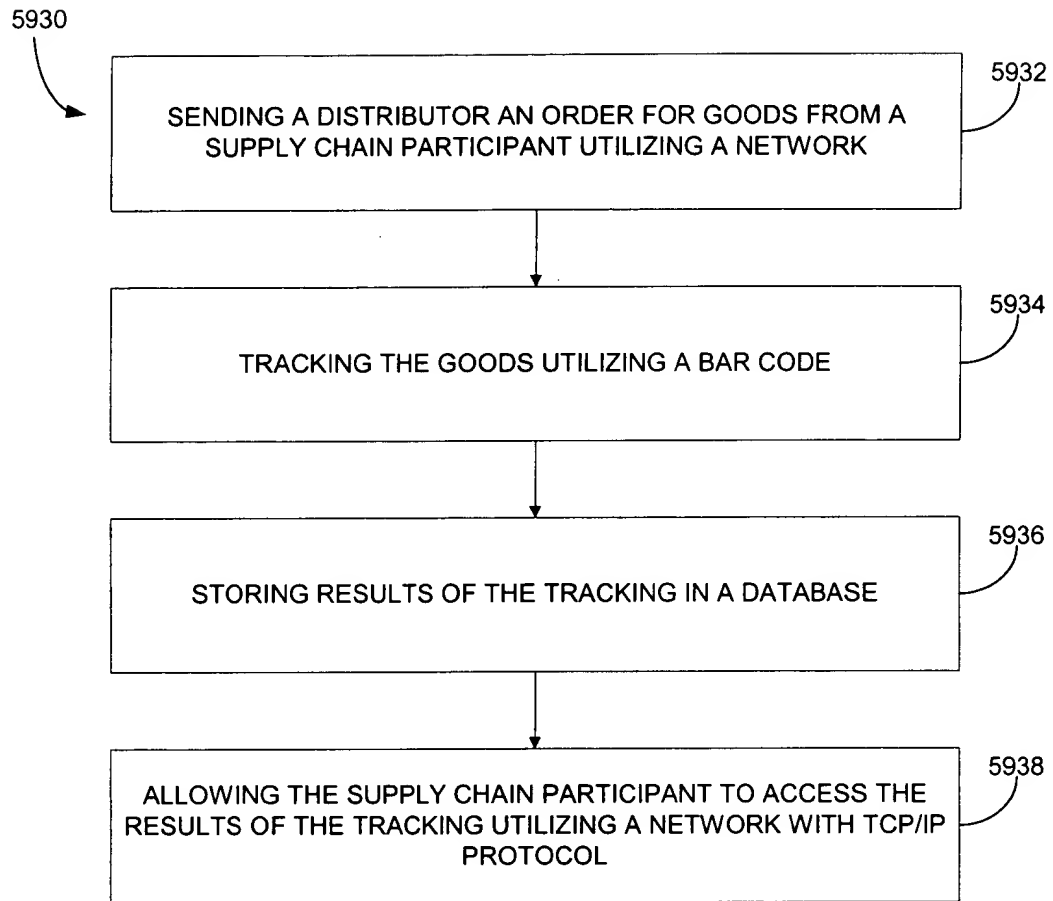


Fig. 58



**FIG. 59**

FIG. 60

6002

6004

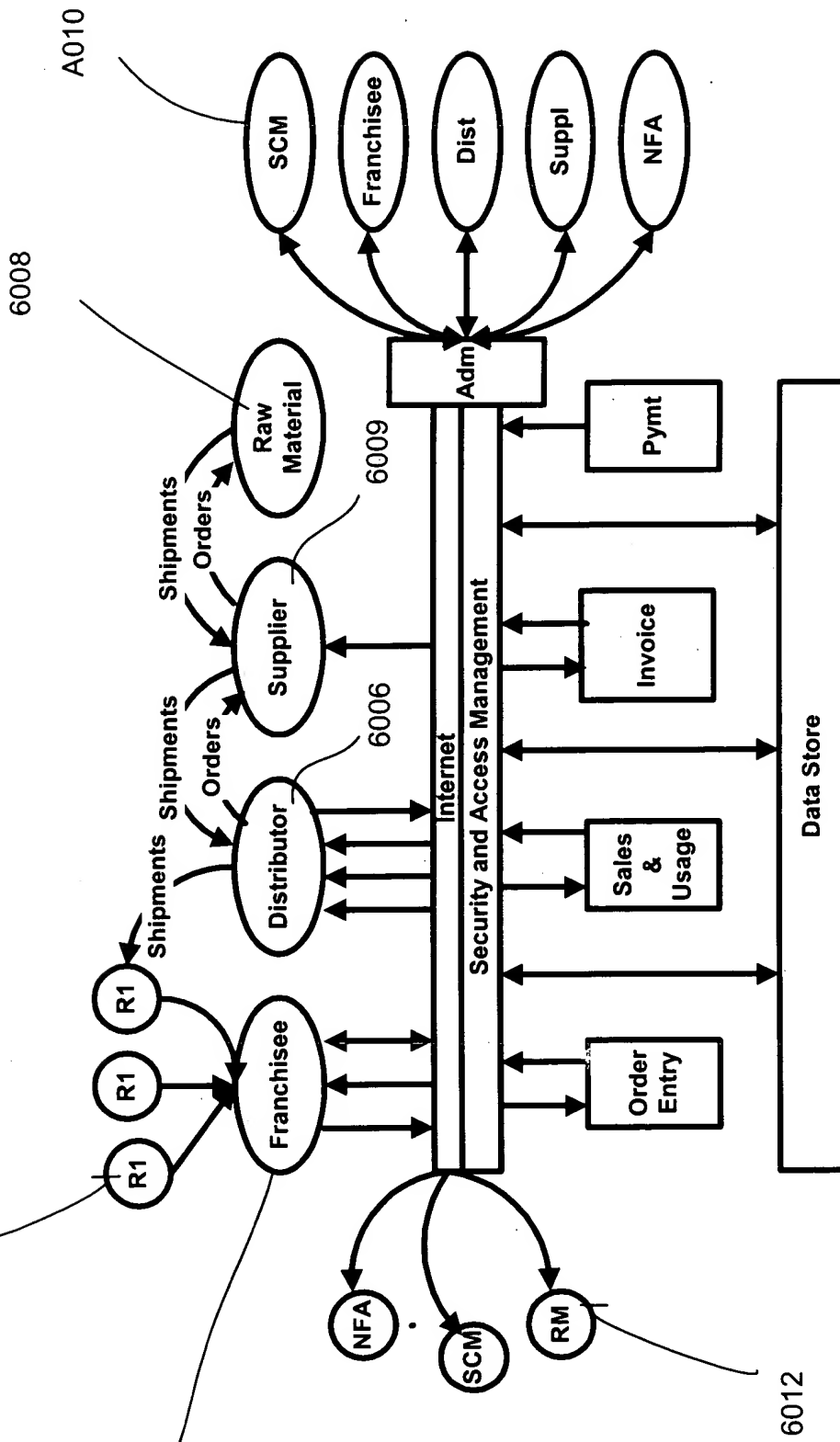


Fig. 60

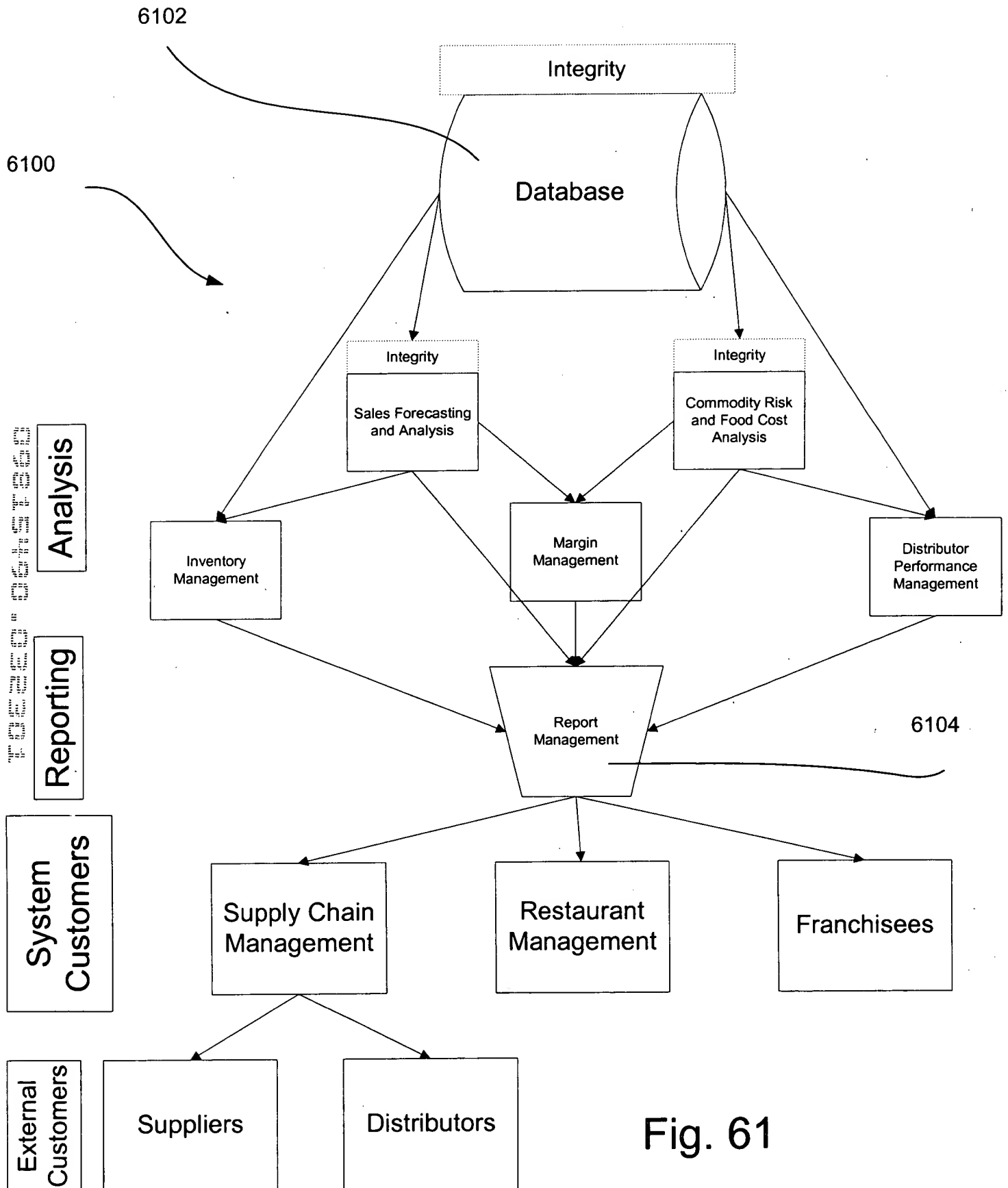
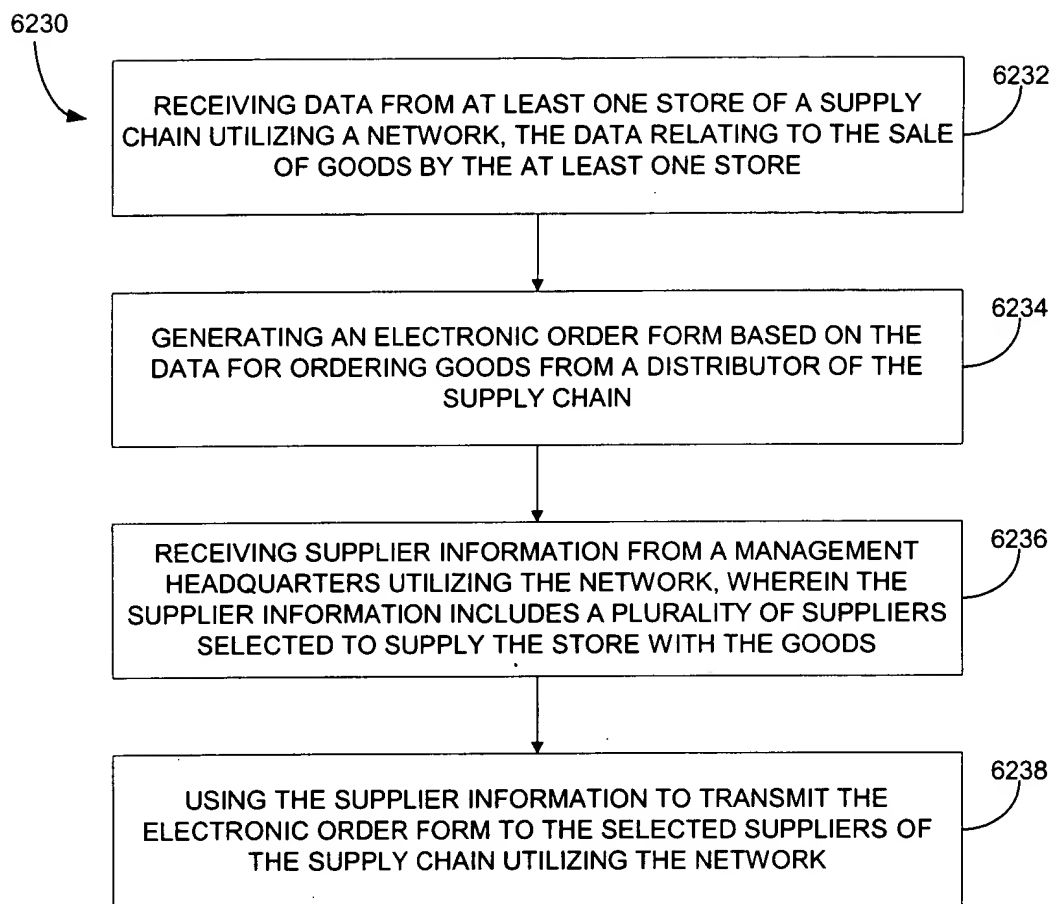


Fig. 61



**FIG. 62**

6300

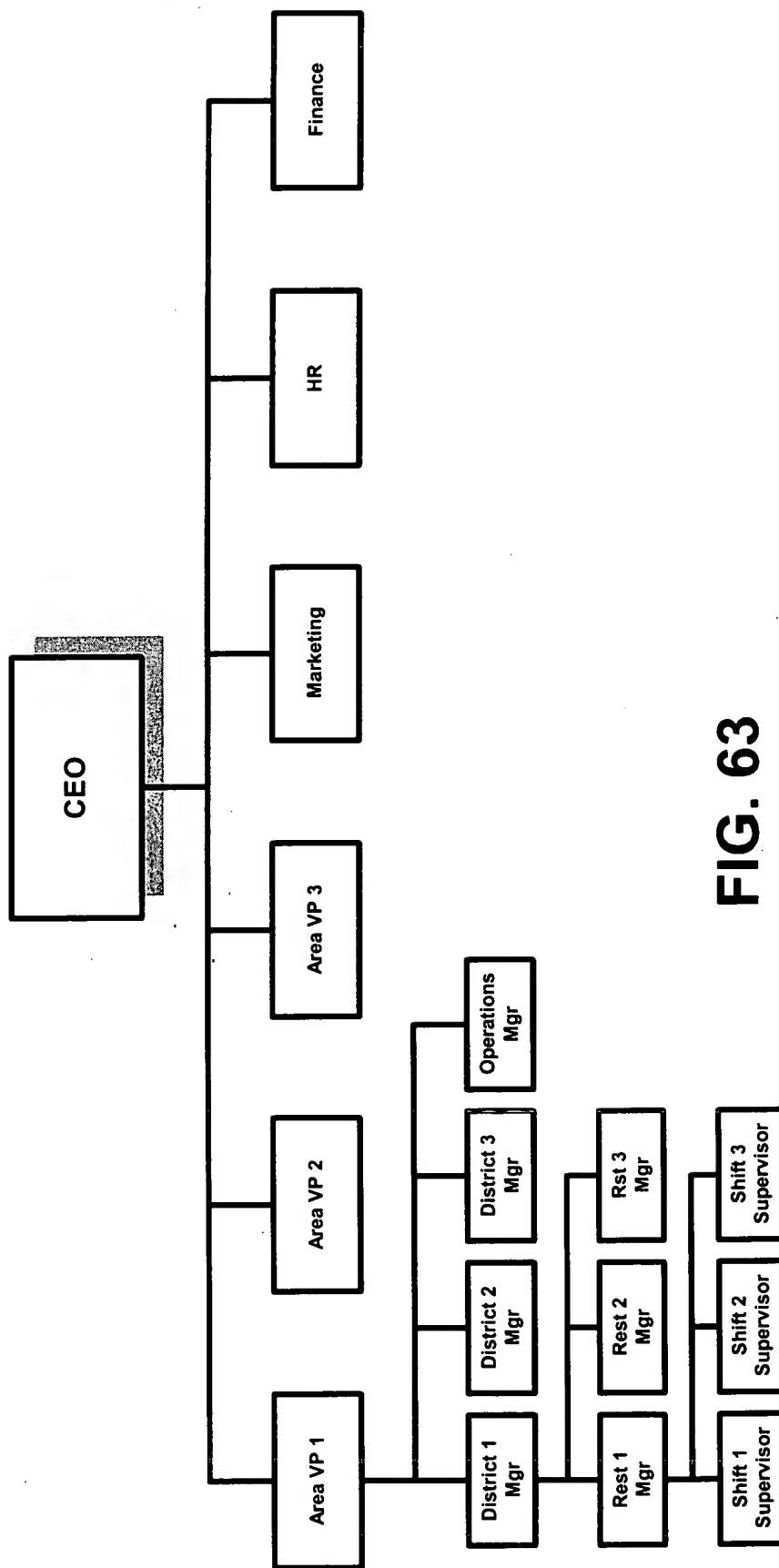
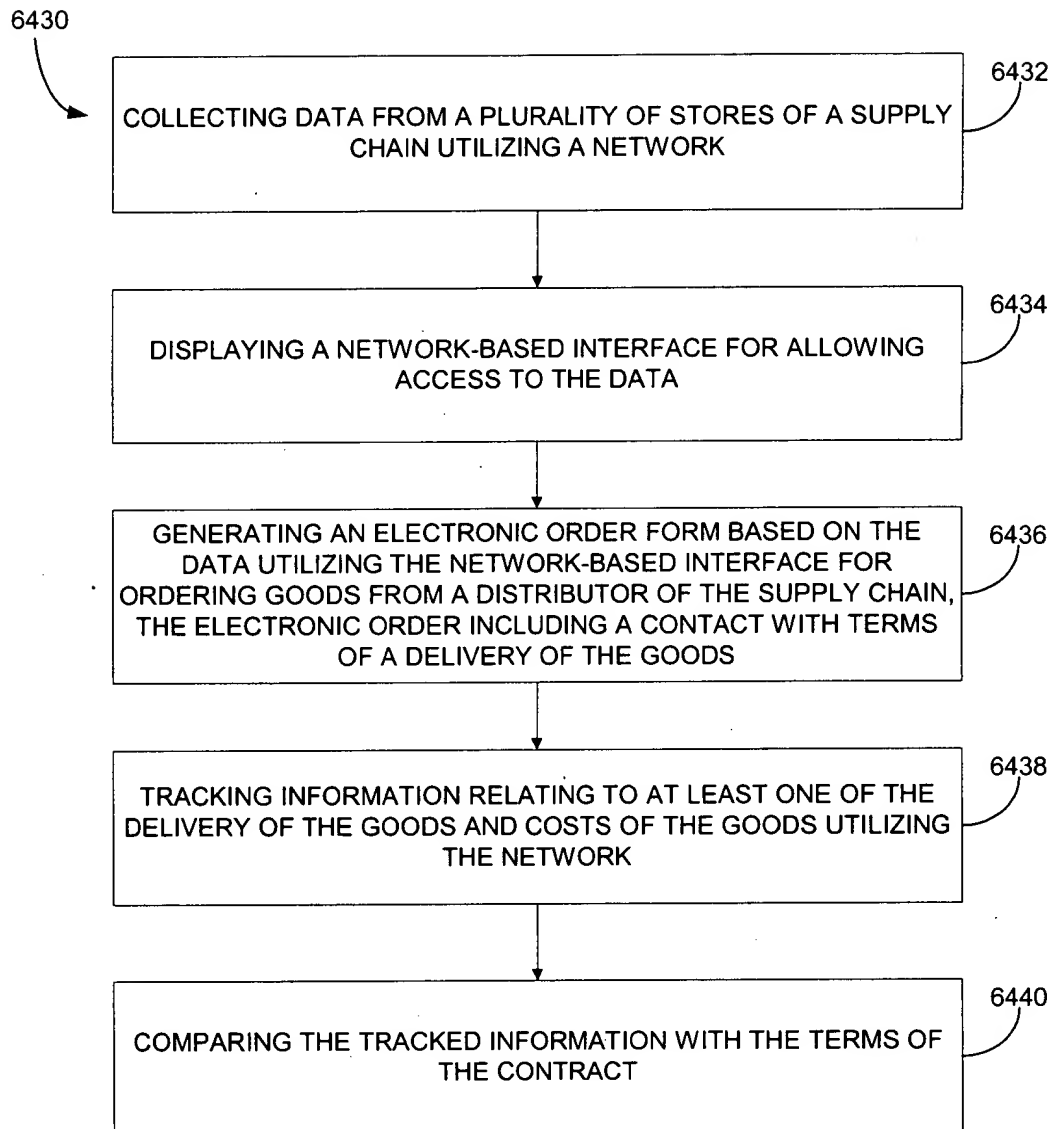
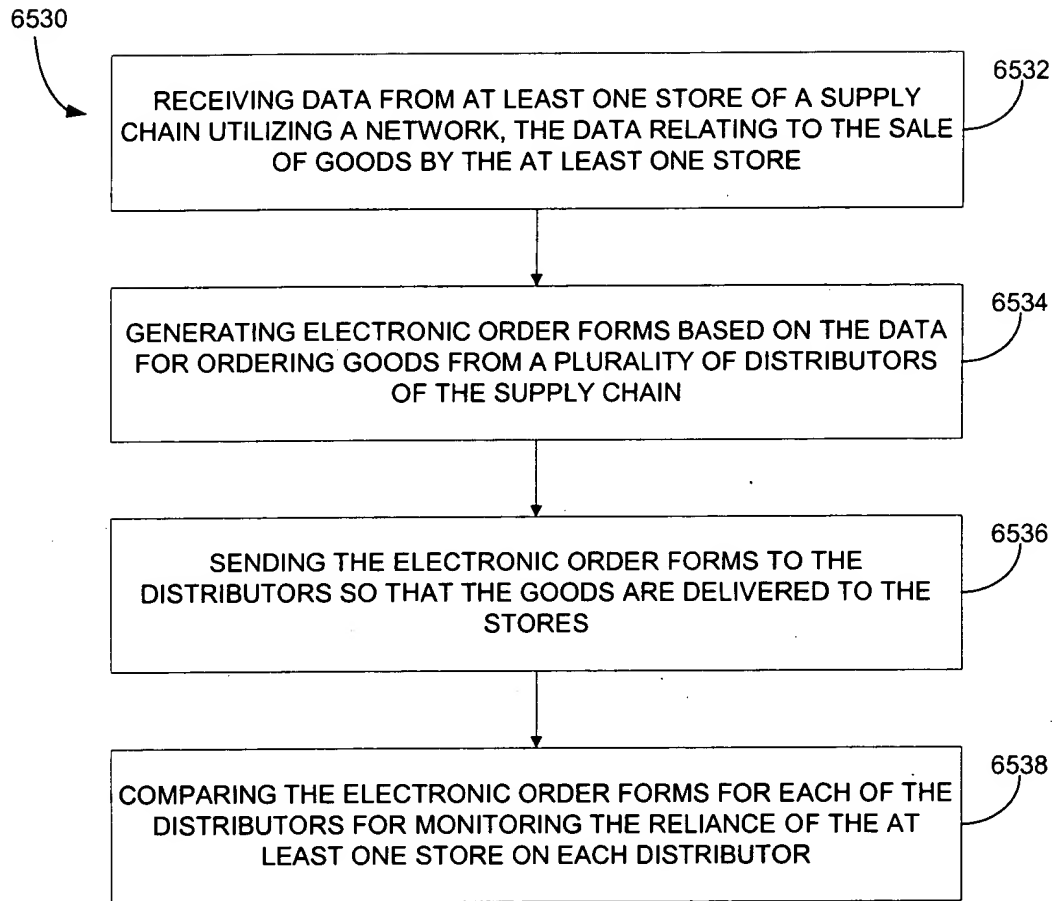


FIG. 63

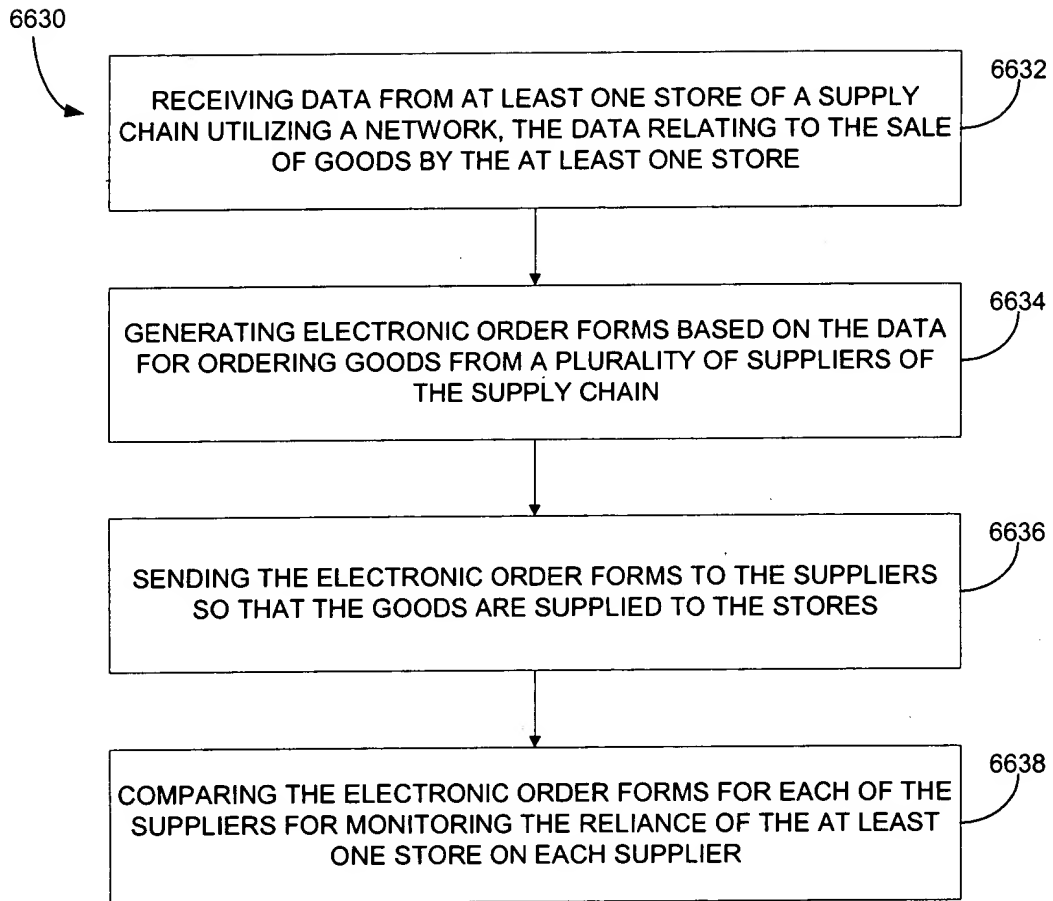


**FIG. 64**

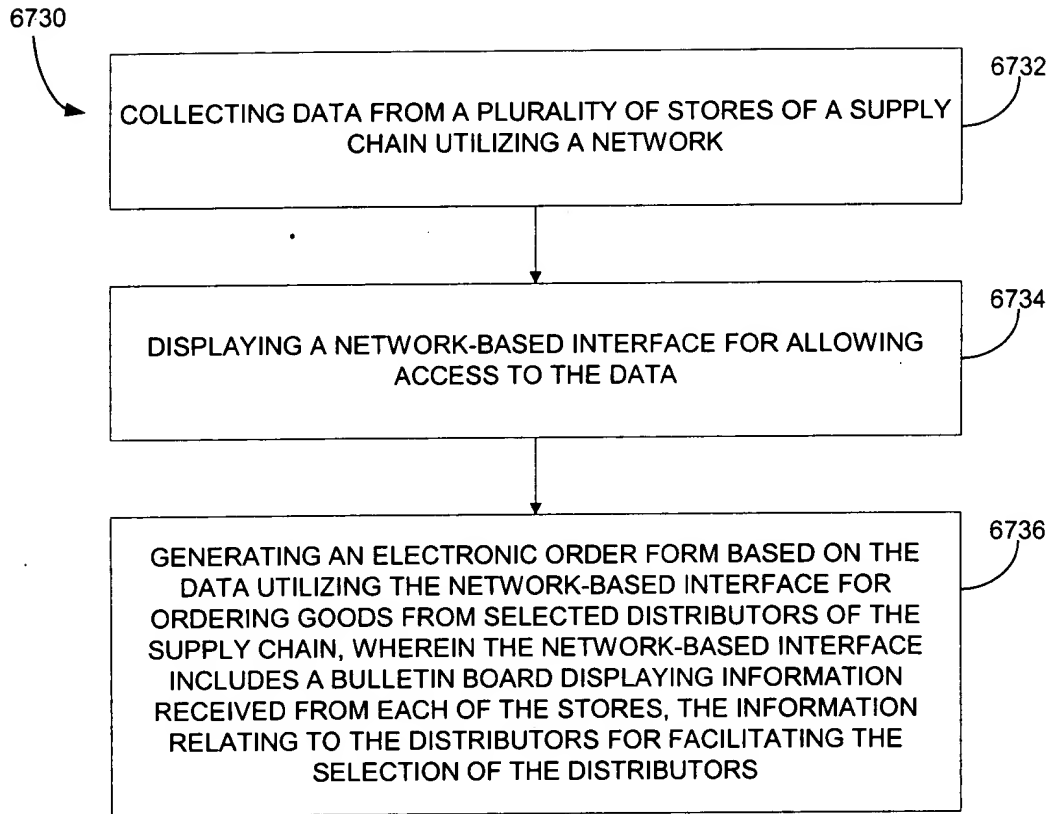




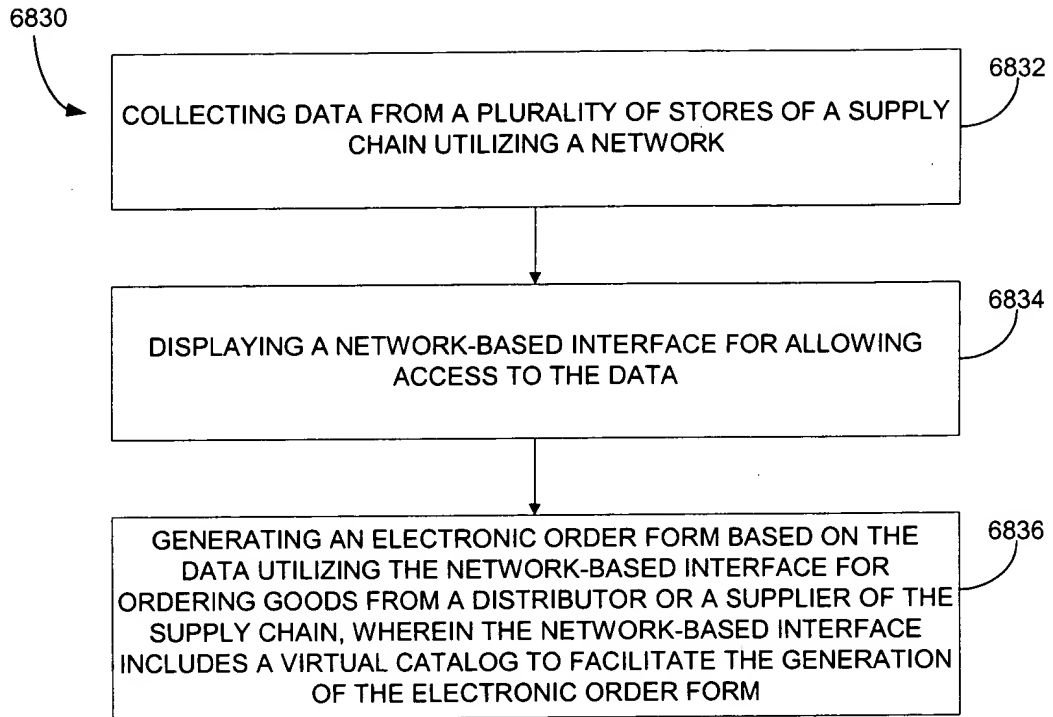
**FIG. 65**



**FIG. 66**



**FIG. 67**



**FIG. 68**

6900

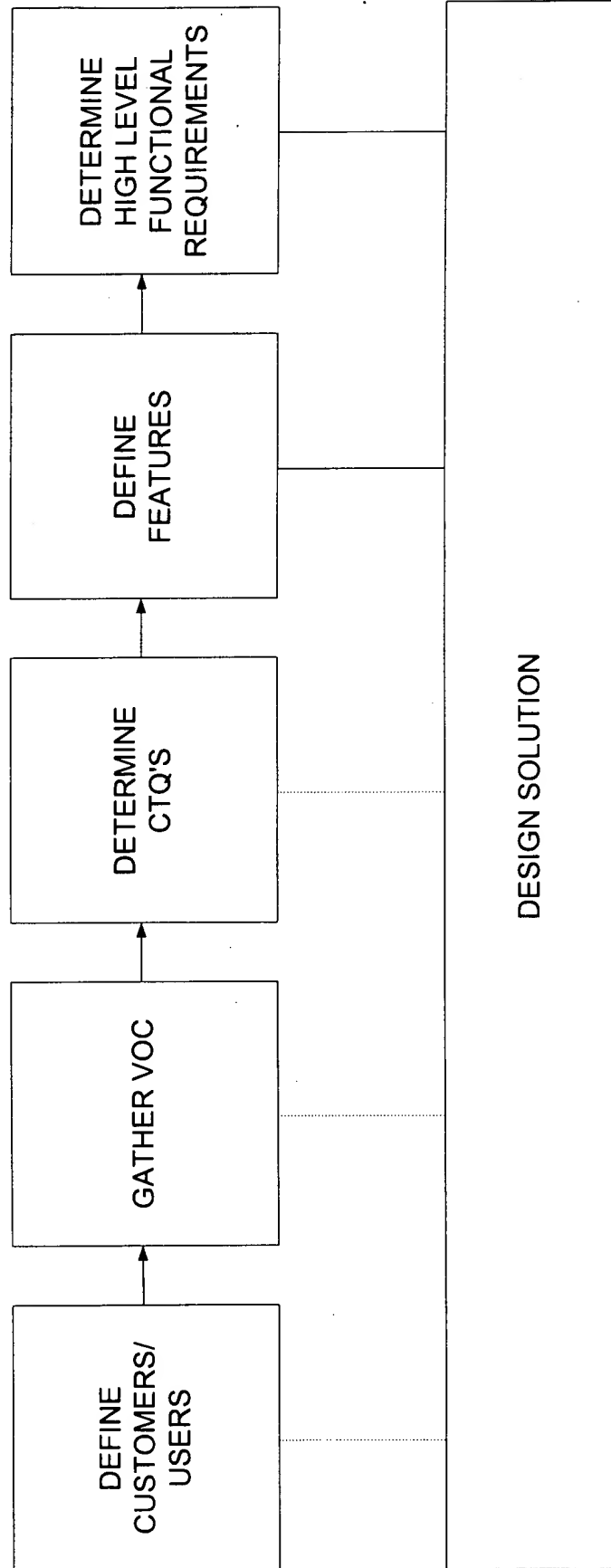
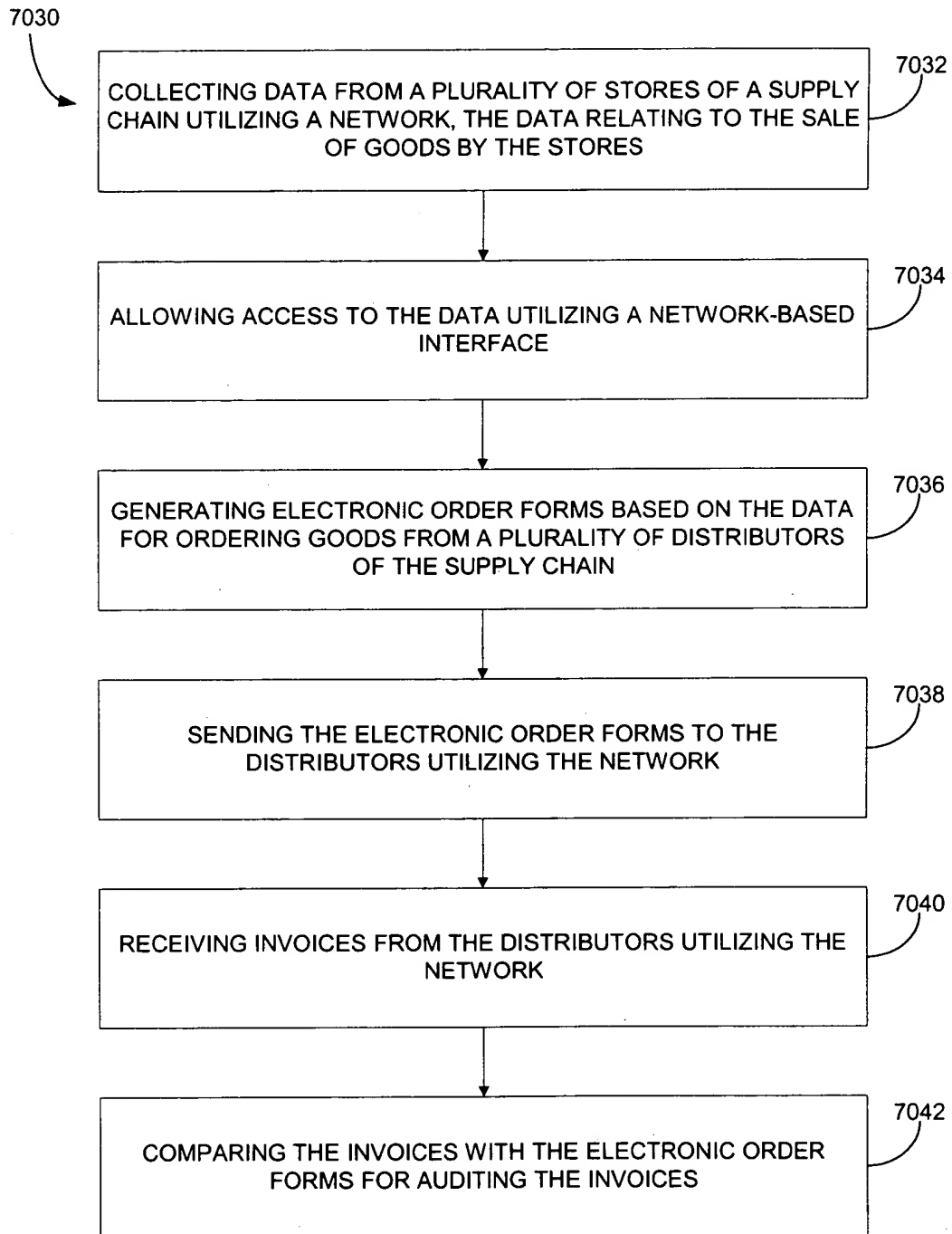
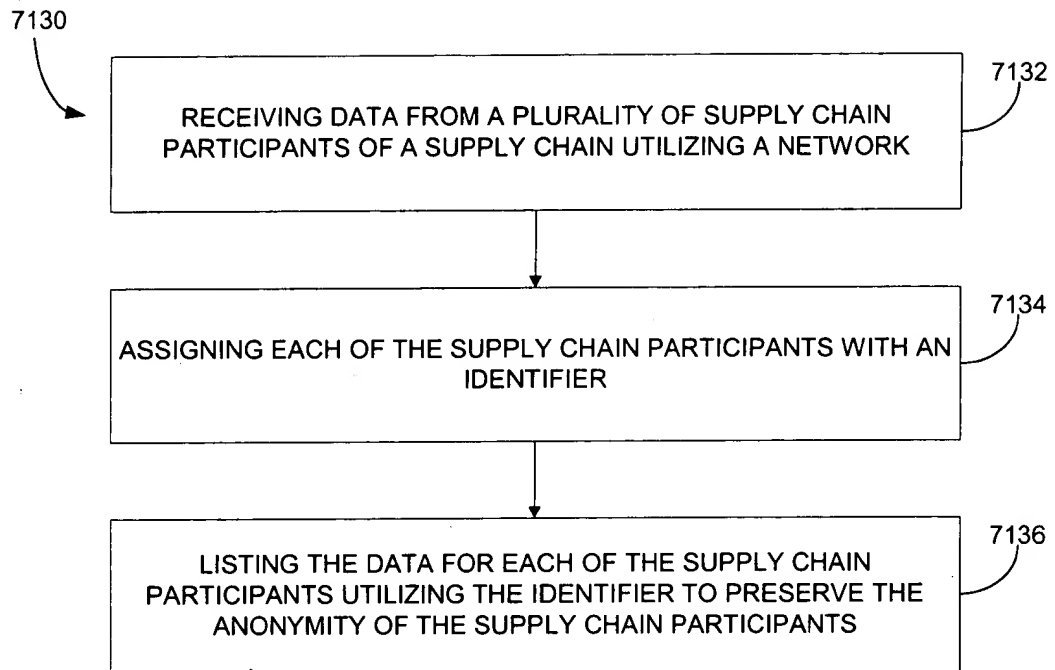


FIG. 69



**FIG. 70**



**FIG. 71**

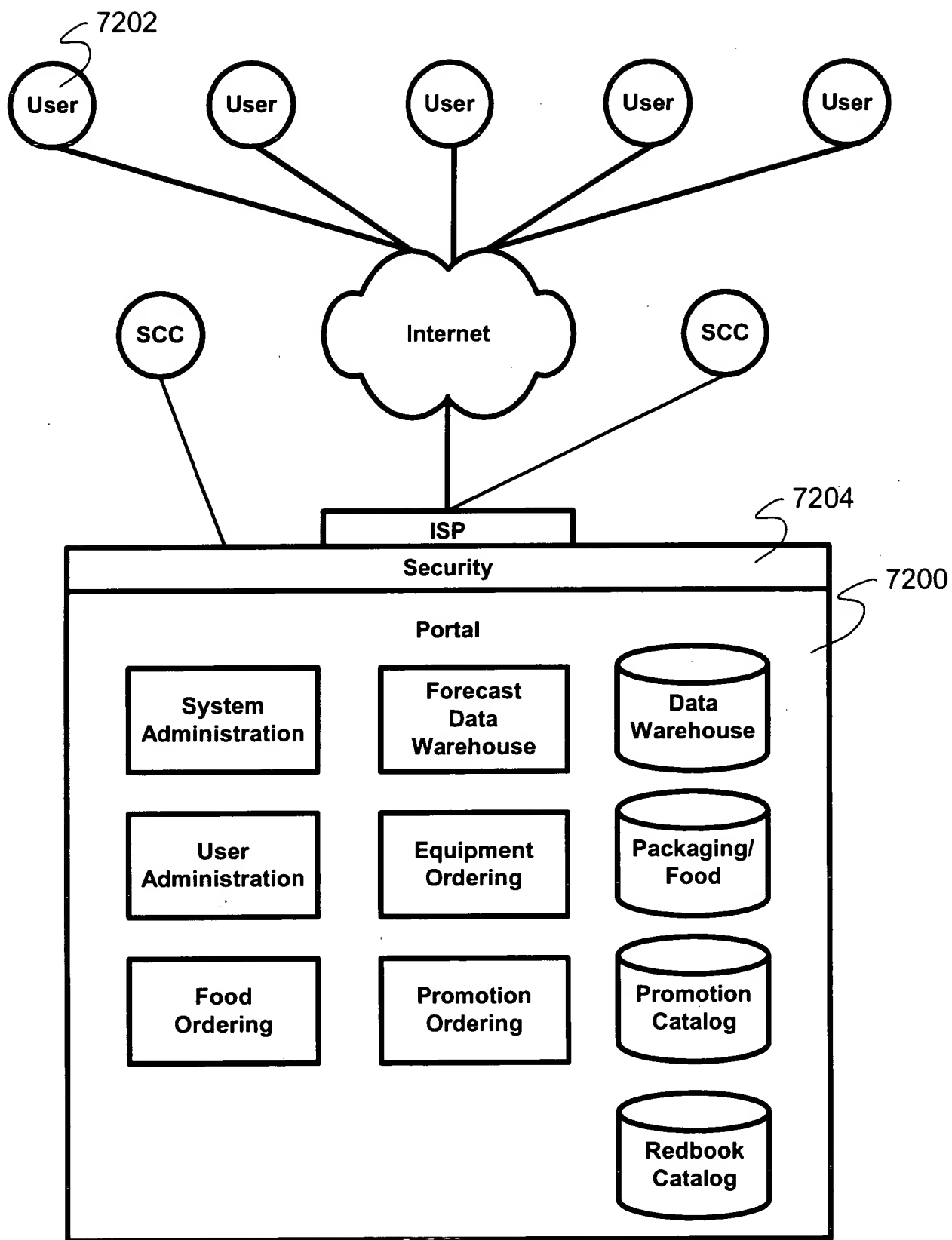


FIG. 72



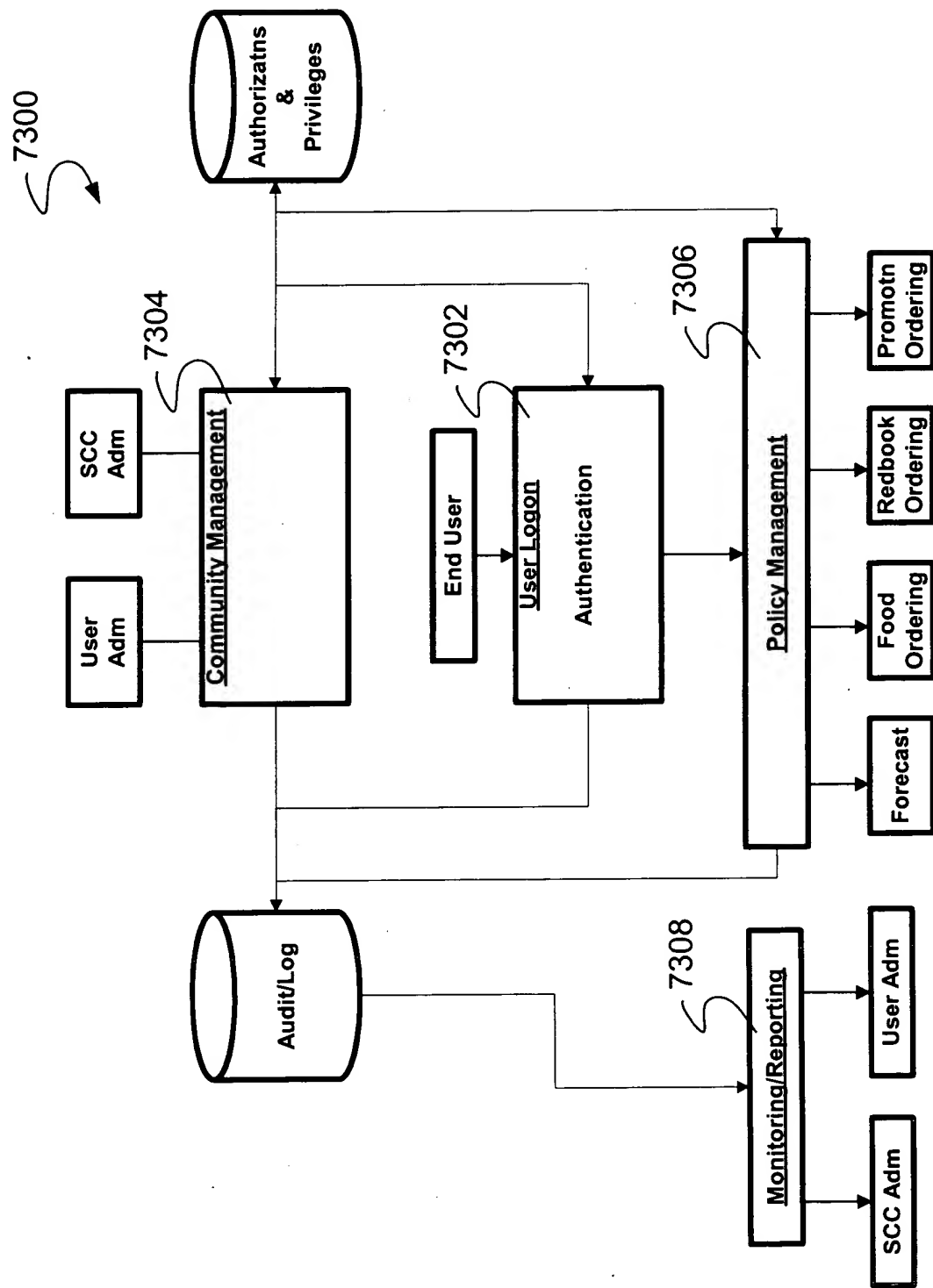


FIG. 73

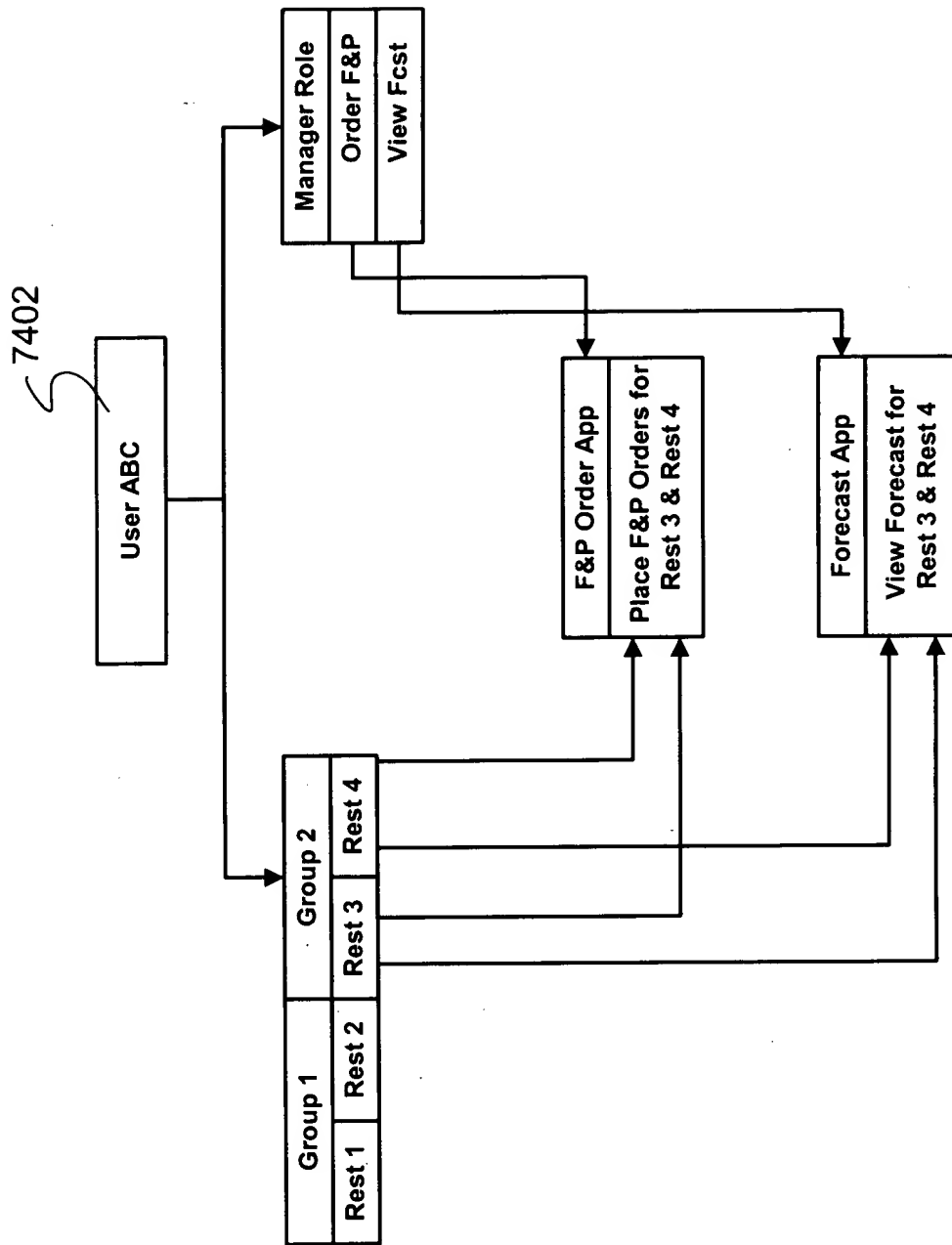
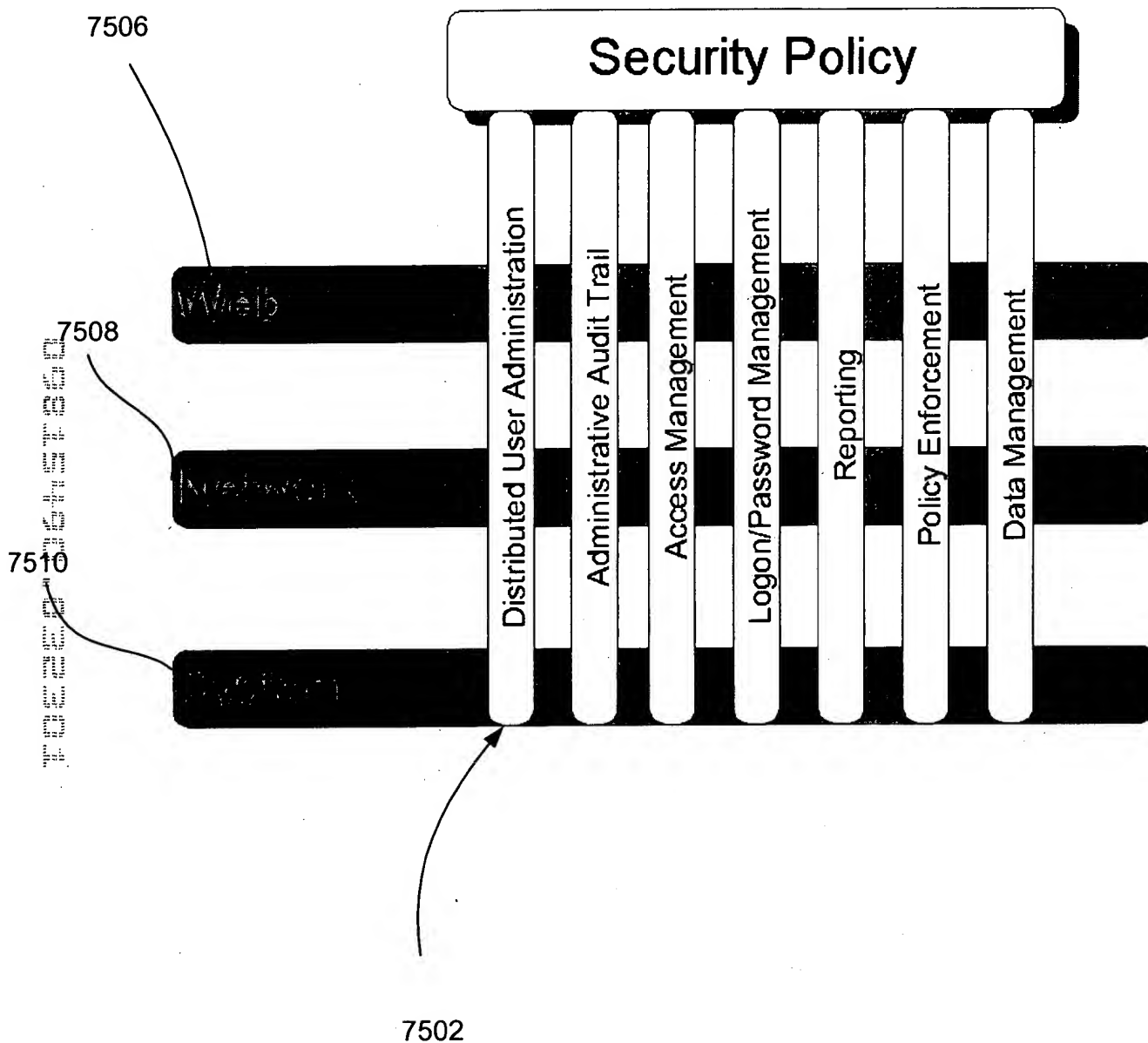
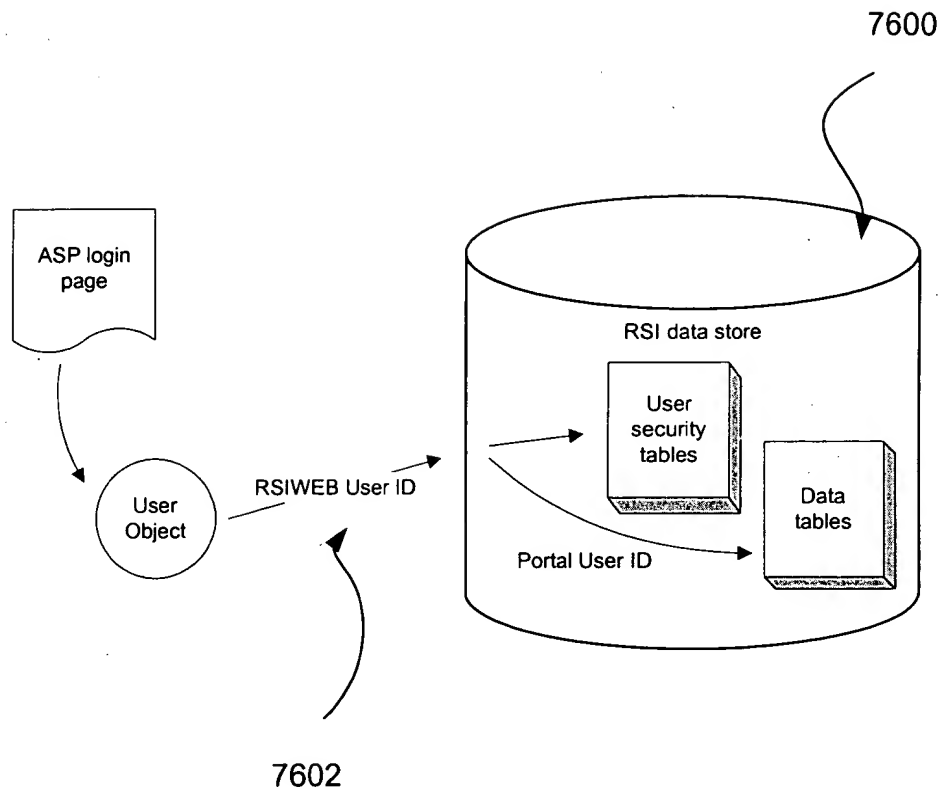


FIG. 74



**Fig. 75**



**Fig. 76**

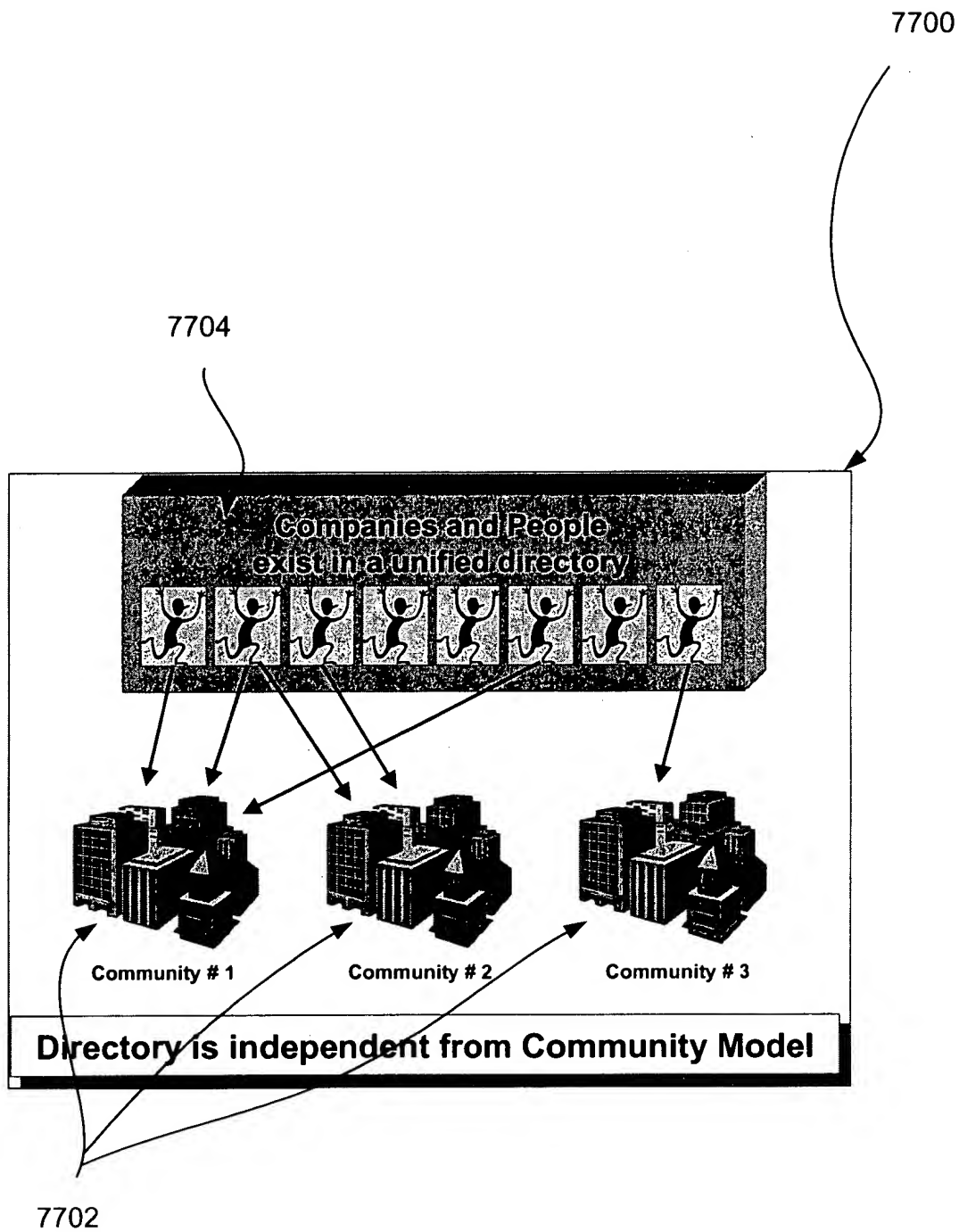


Fig. 77

7800

7802

7804

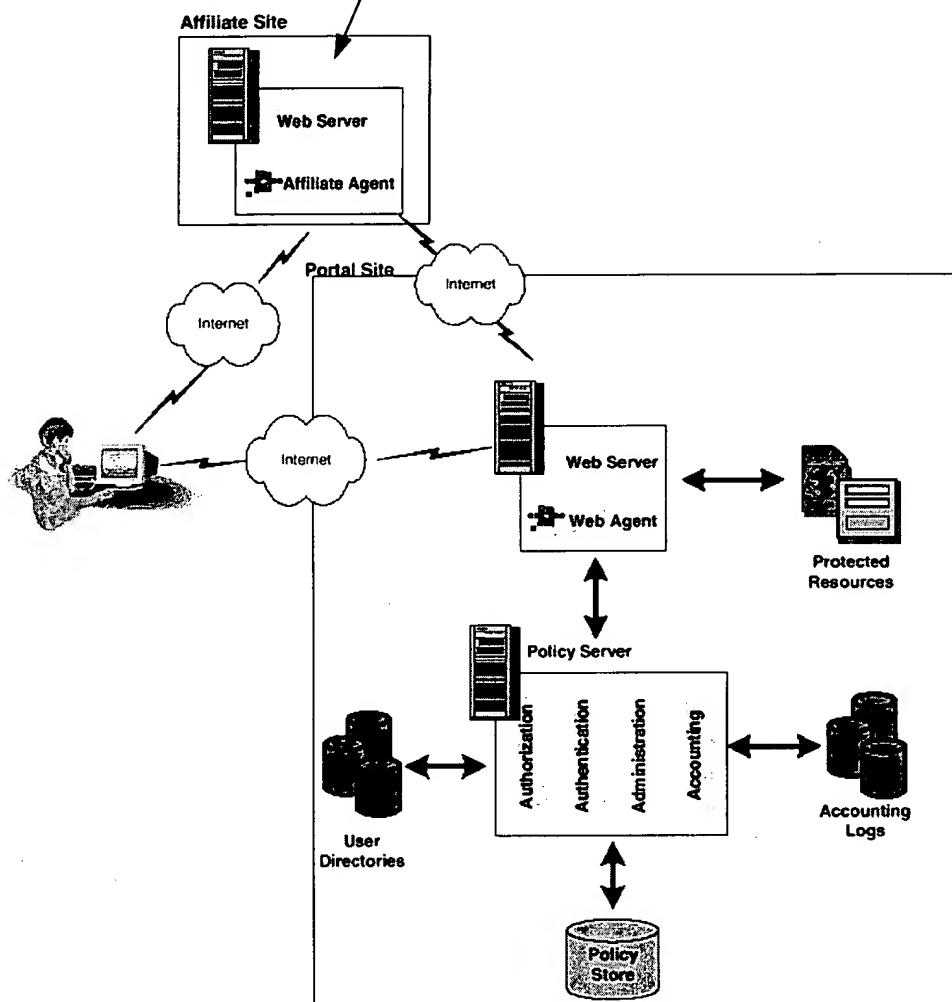


Fig. 78

7900

7902

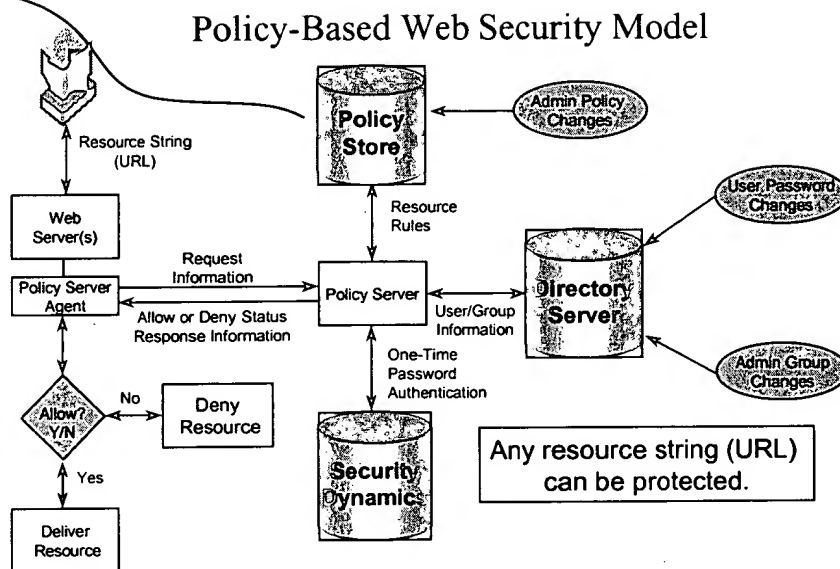


Fig. 79

8030

REGISTERING A PLURALITY OF USERS INCLUDING SUPPLIERS,  
DISTRIBUTORS, AND STORES OF A SUPPLY CHAIN UTILIZING A  
NETWORK

8032

MAINTAINING THE REGISTERED USERS ON A LIST

8034

COLLECTING DATA FROM A PLURALITY OF STORES OF THE  
SUPPLY CHAIN UTILIZING THE NETWORK

8036

UPDATING THE LIST TO ADD, EDIT, AND DELETE THE USERS  
UTILIZING THE NETWORK

8038

RECEIVING A REQUEST FOR ACCESS TO THE DATA UTILIZING  
THE NETWORK, THE REQUEST INCLUDING AN IDENTIFIER

8040

COMPARING THE IDENTIFIER AGAINST THE LIST

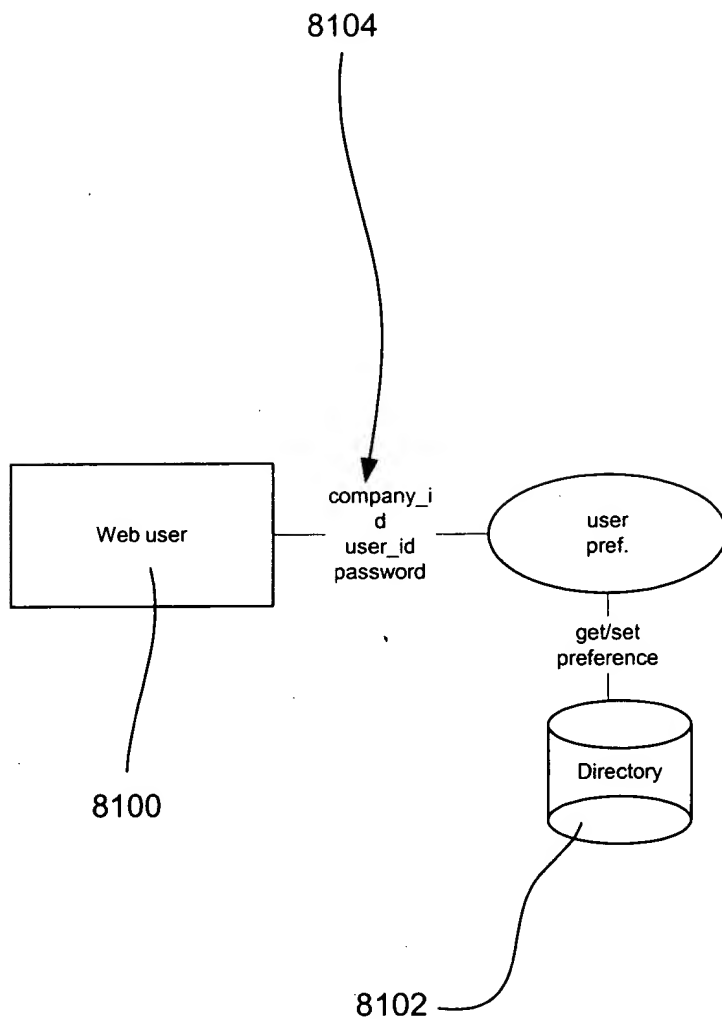
8042

DISPLAYING A NETWORK-BASED INTERFACE FOR ALLOWING  
ACCESS TO THE DATA UPON THE SUCCESSFUL COMPARISON OF  
THE IDENTIFIER AGAINST THE LIST

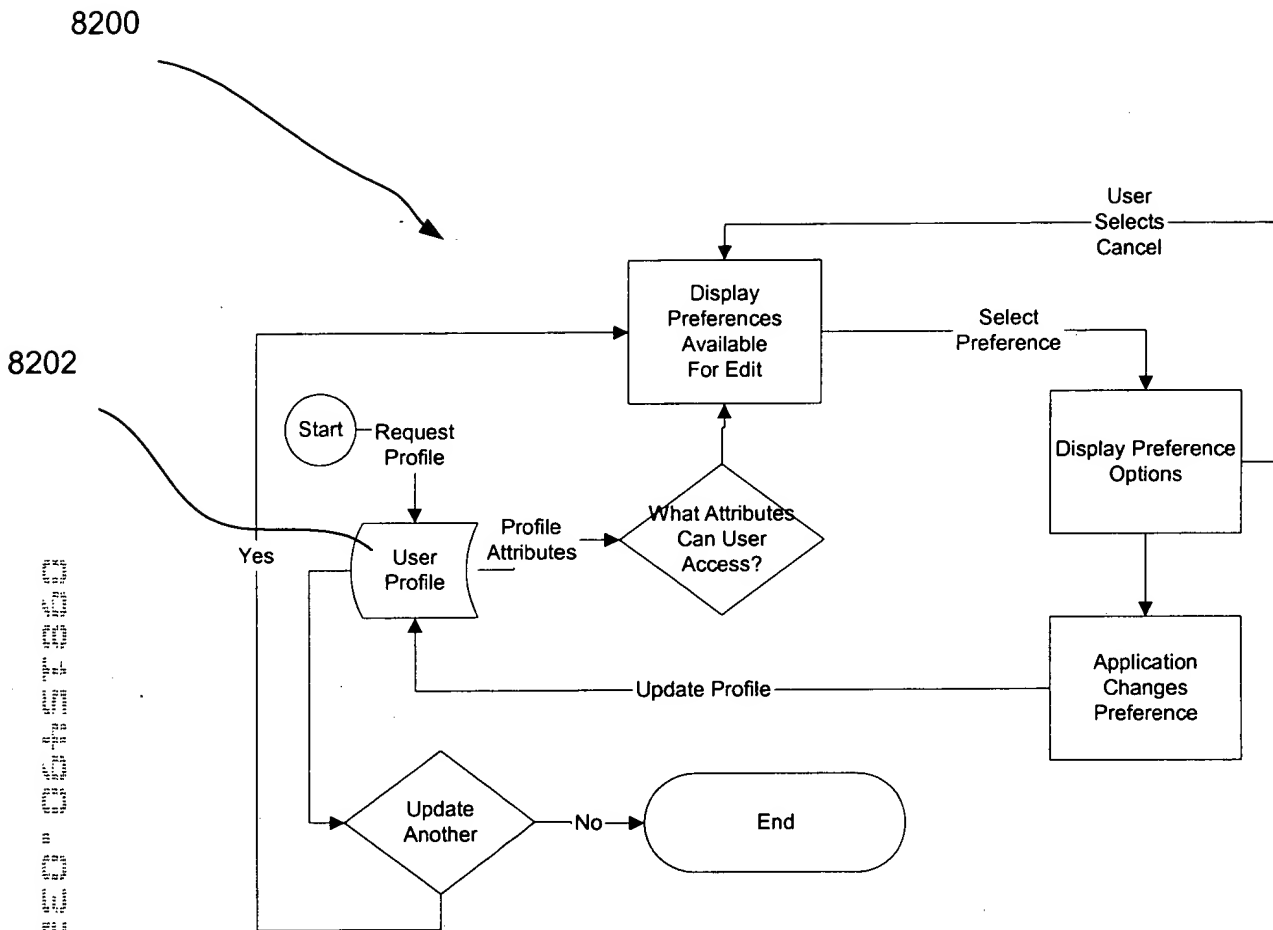
8044

FIG. 80

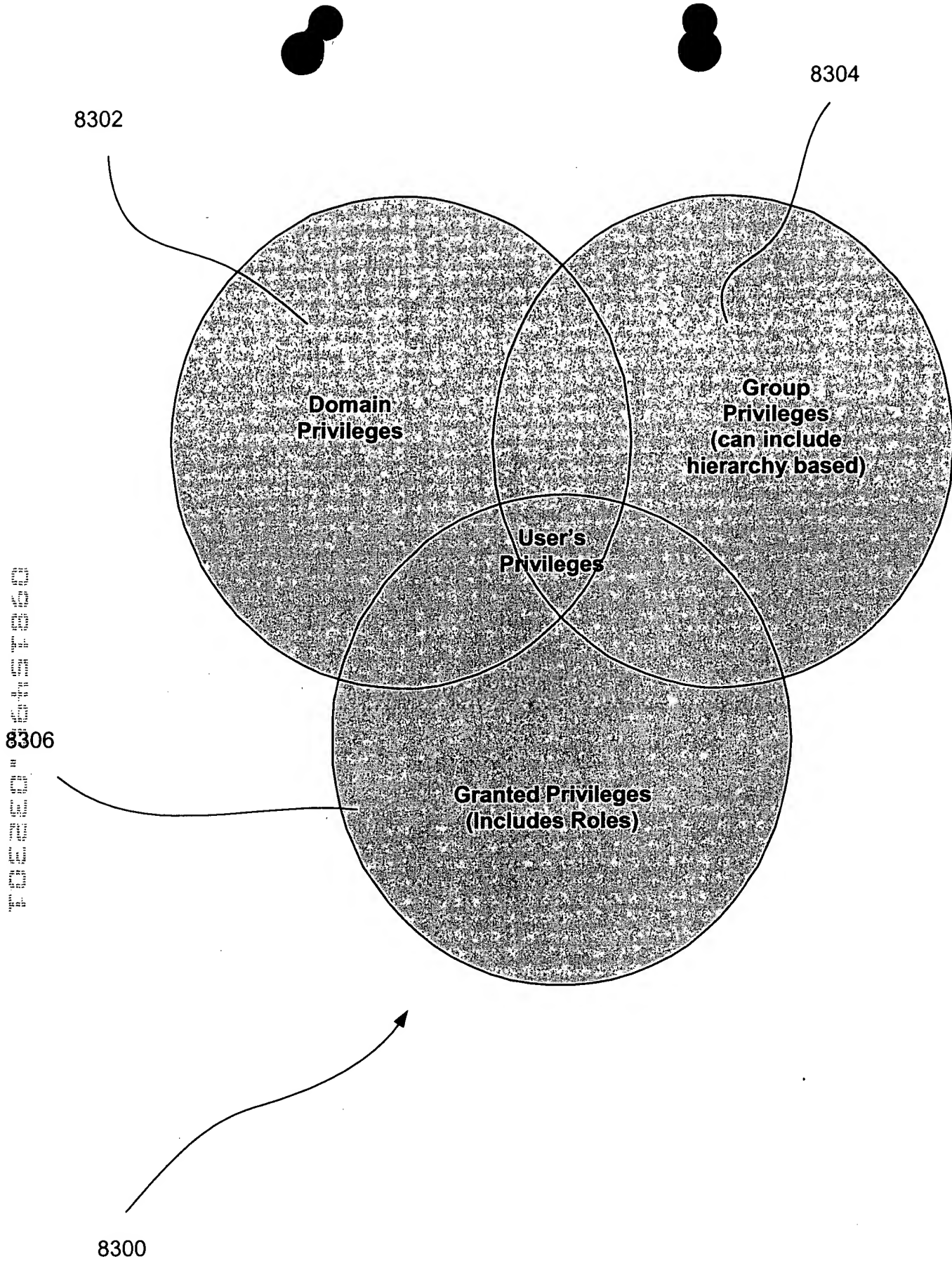




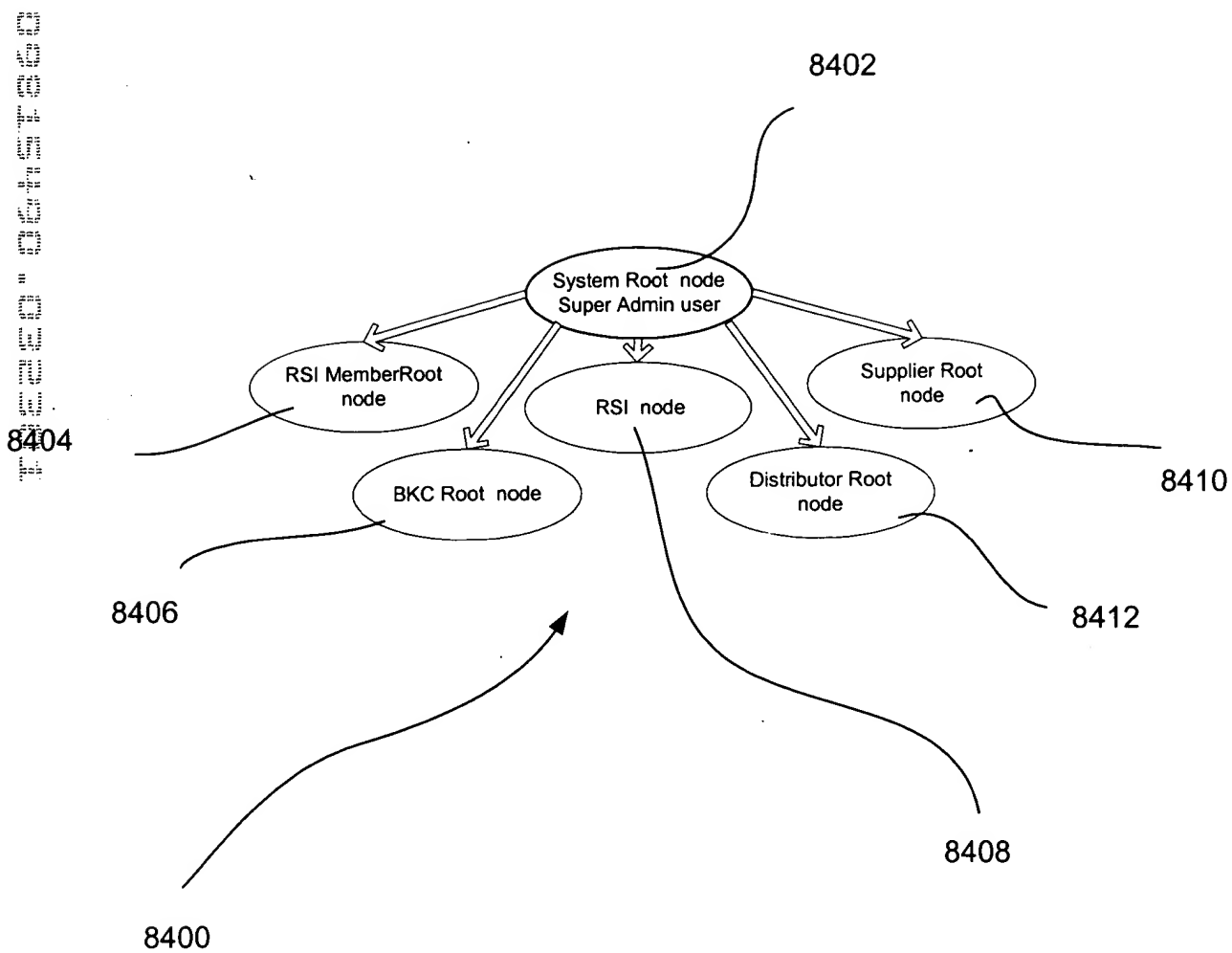
**Fig. 81**



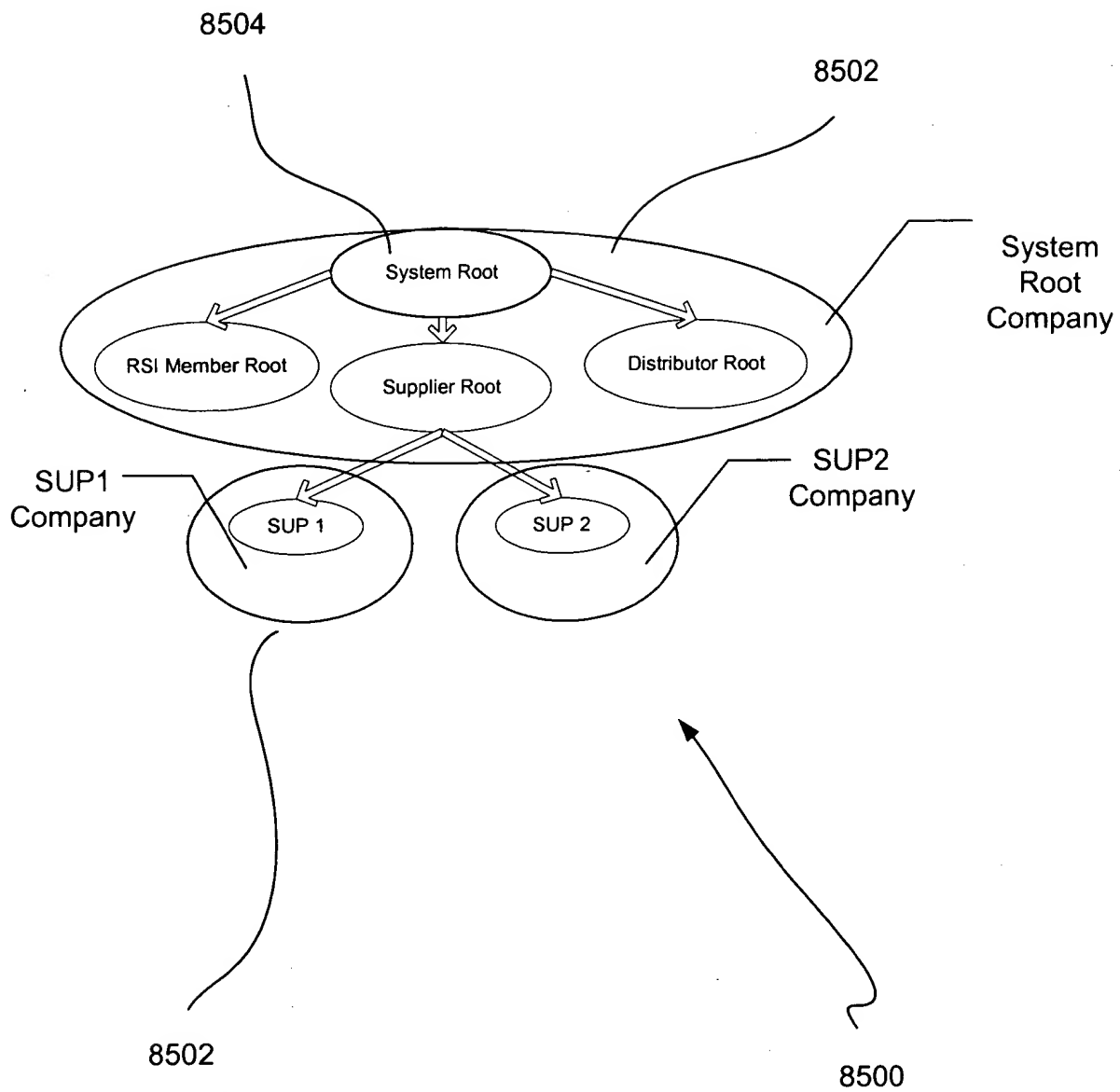
**Fig. 82**



**Fig. 83**



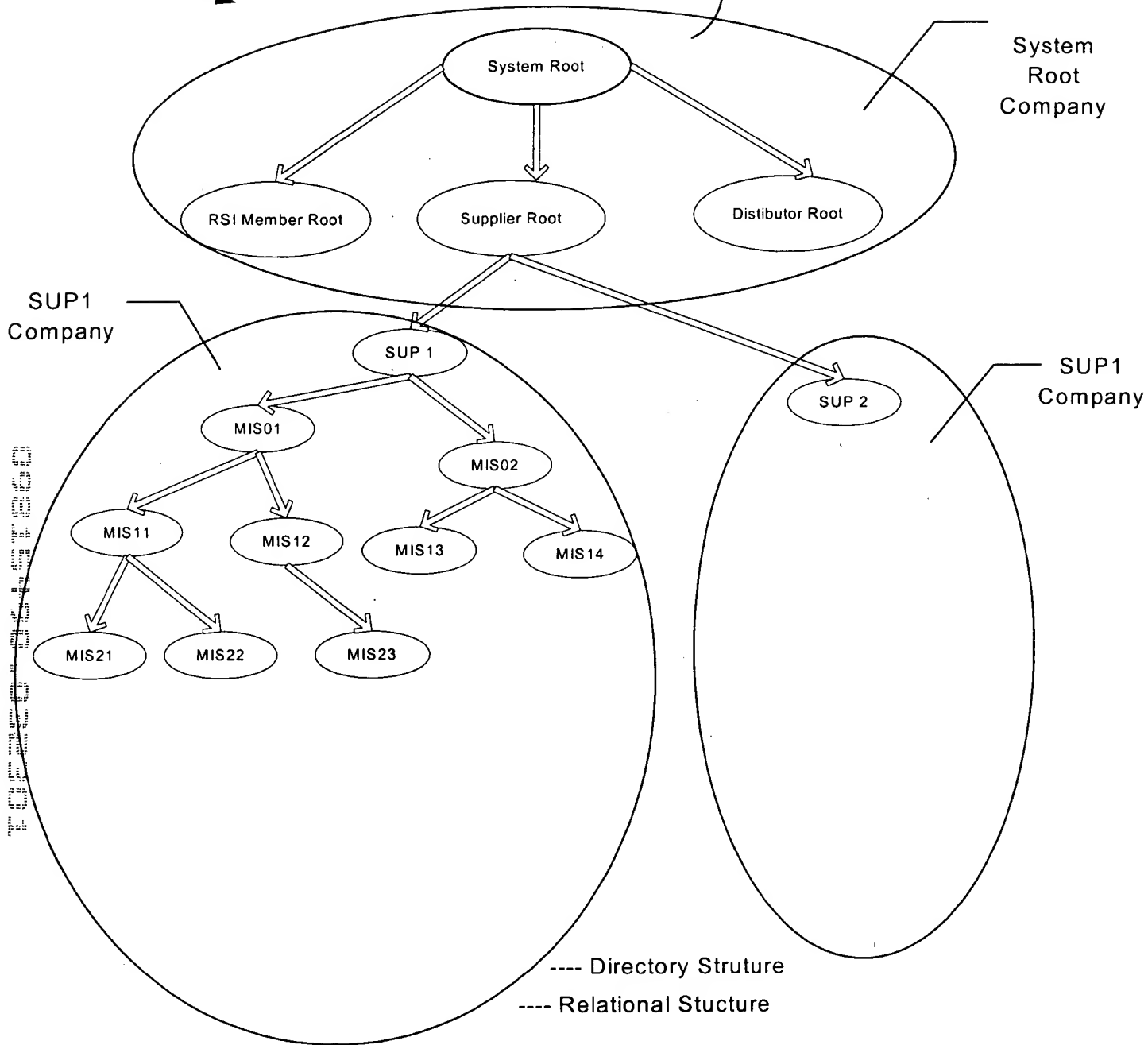
**Fig. 84**



**Fig. 85**

8600

8602



**Fig. 86**

## Group Hierarchy Management: Data Flow

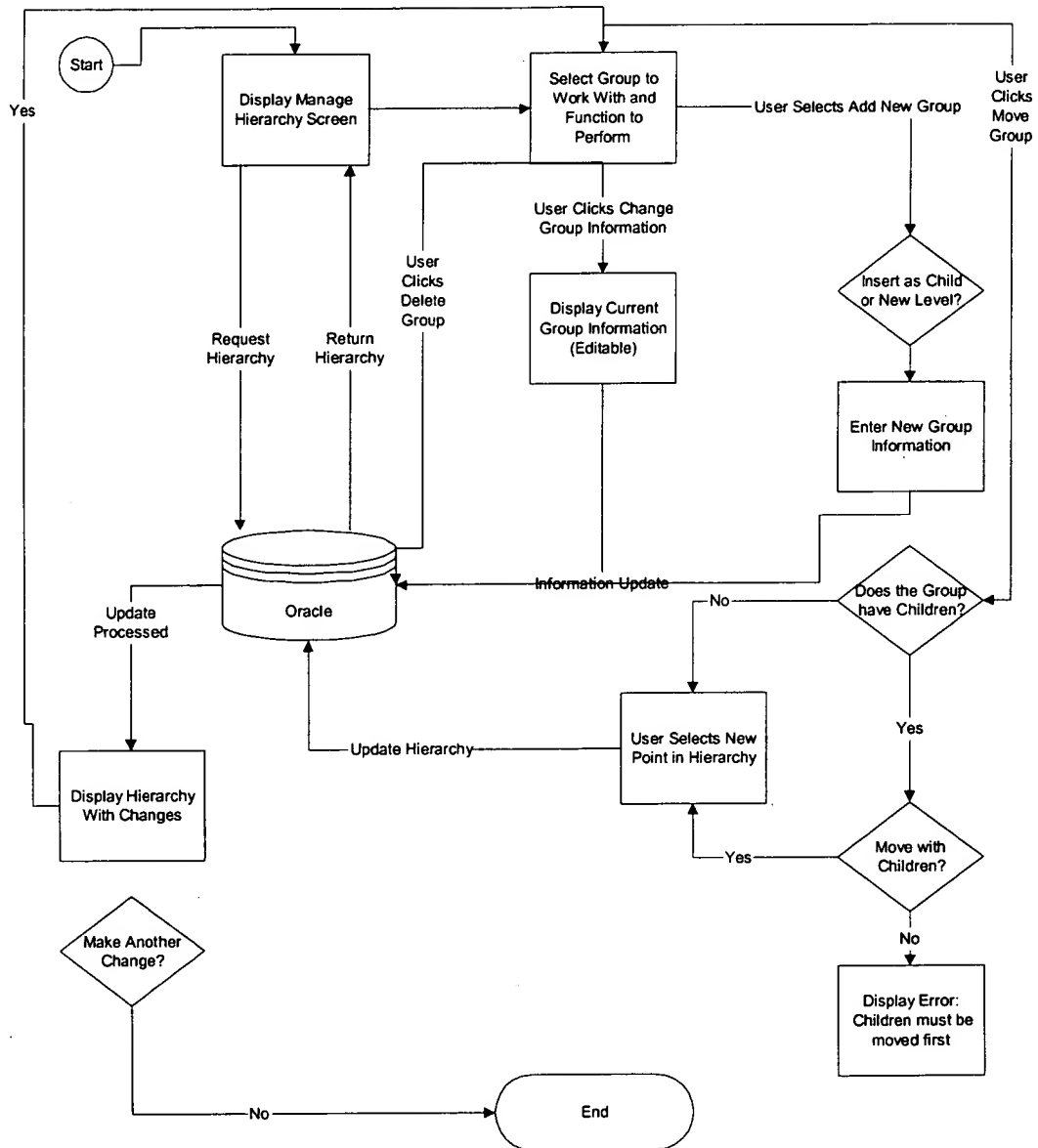
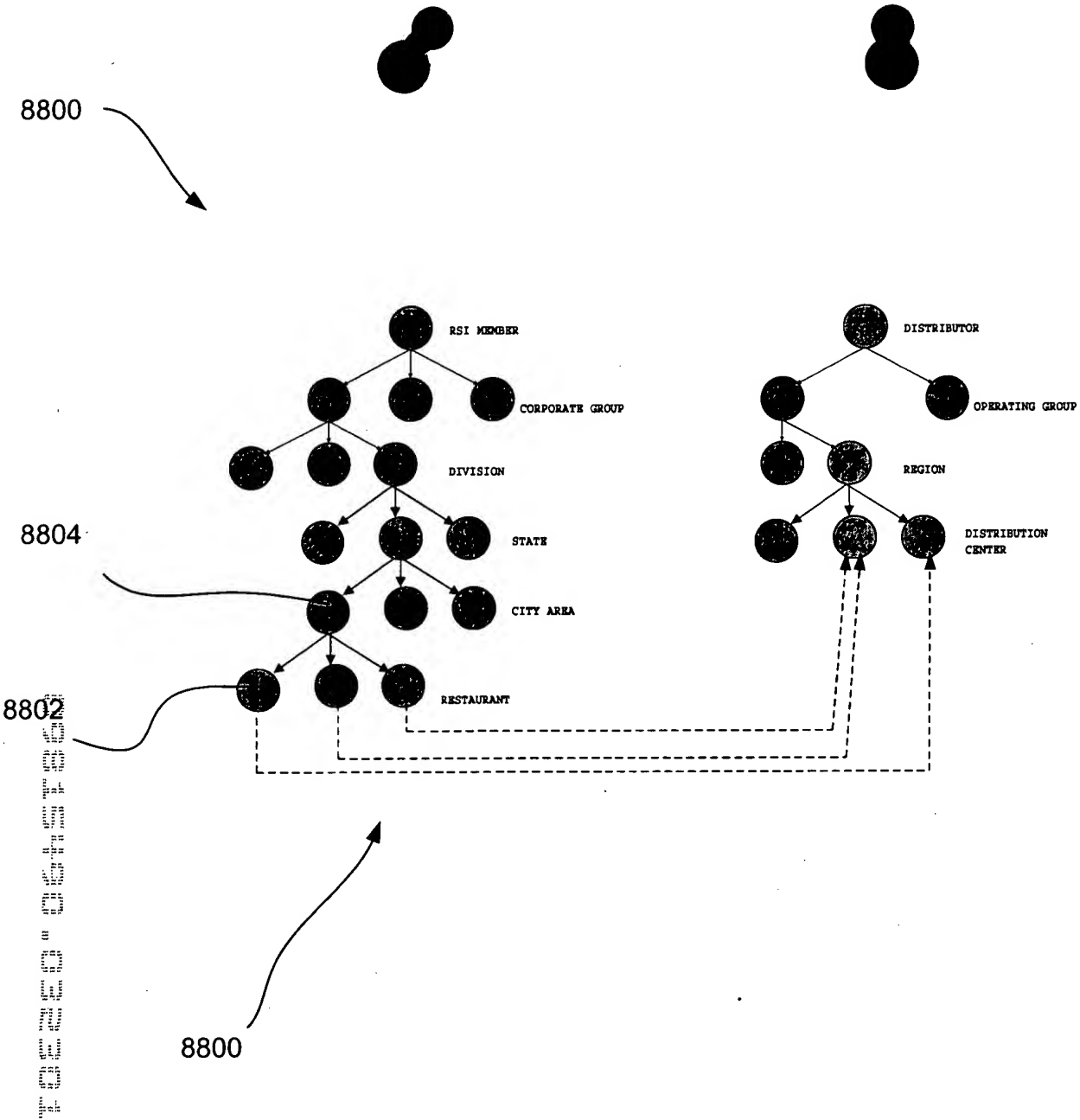


Fig. 87



**Fig. 88**



8902

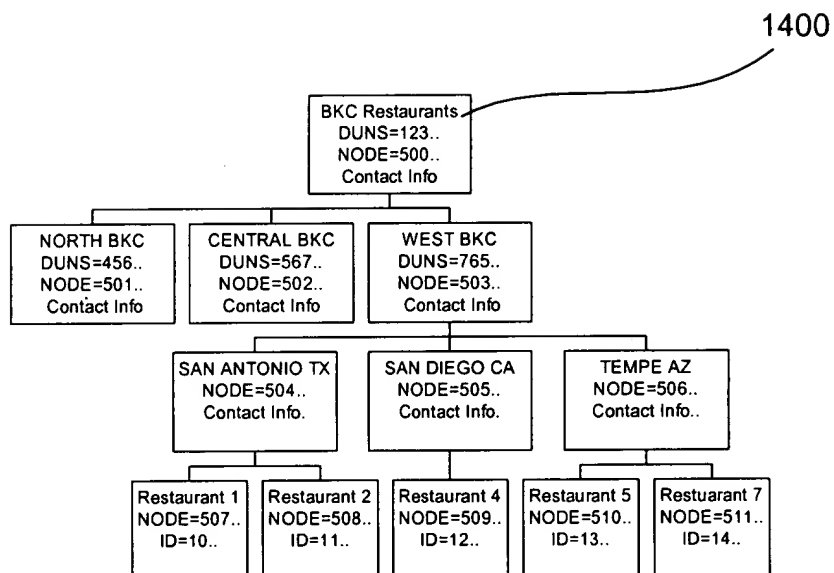


Fig. 89

9000

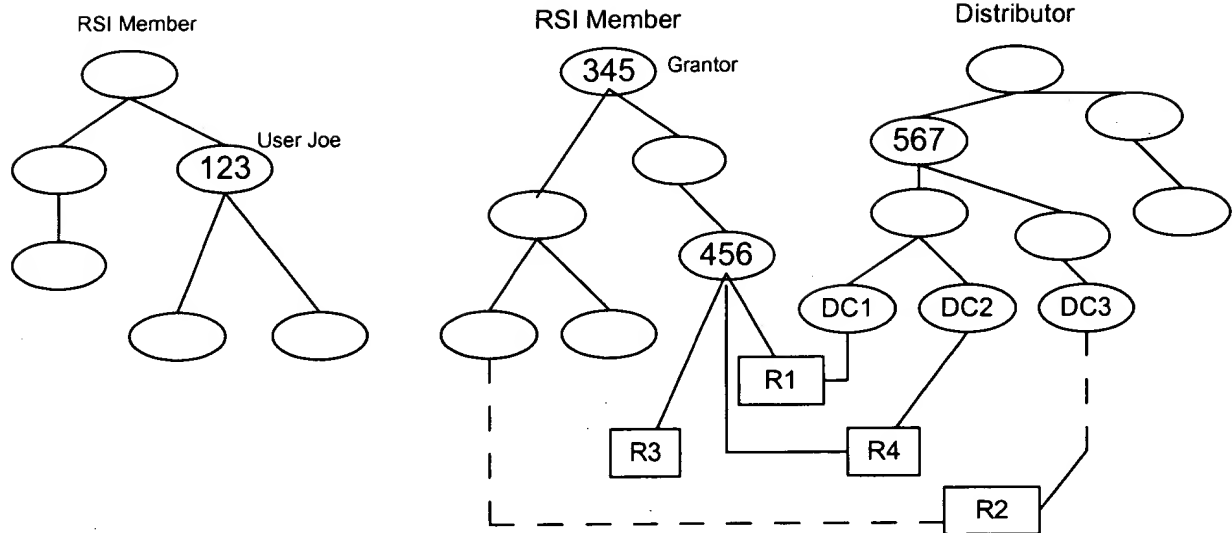


FIG. 90

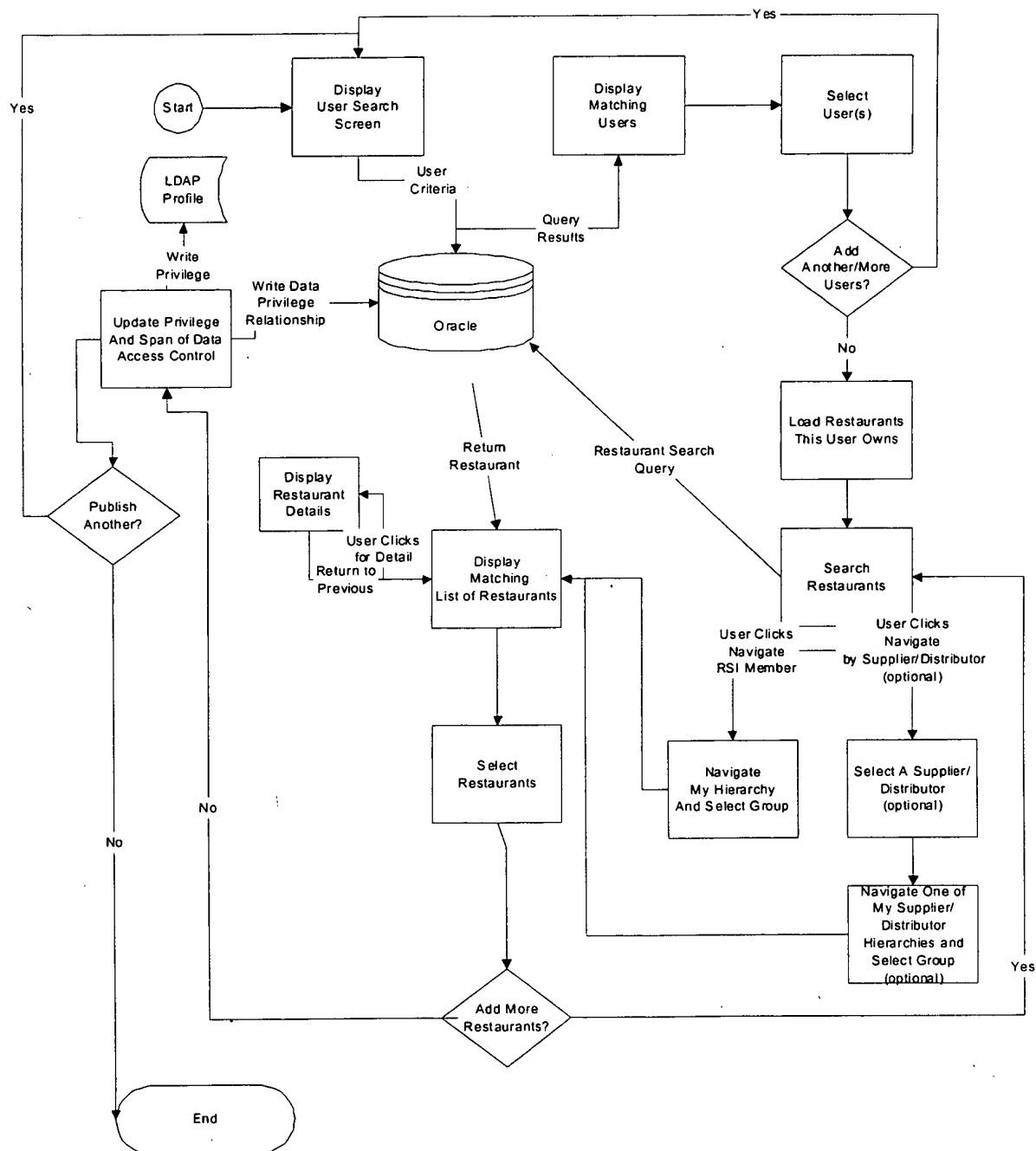


Fig. 91

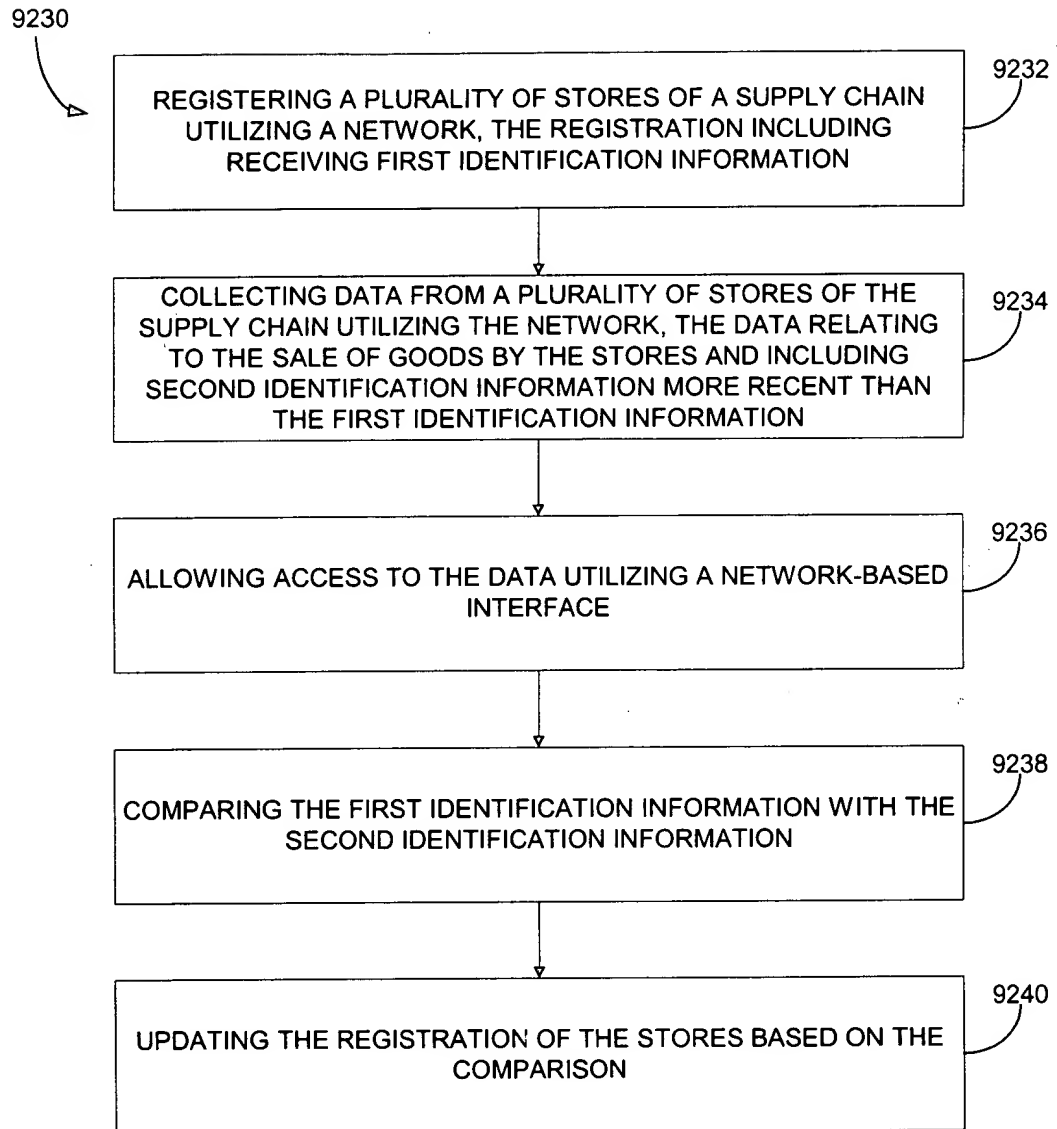
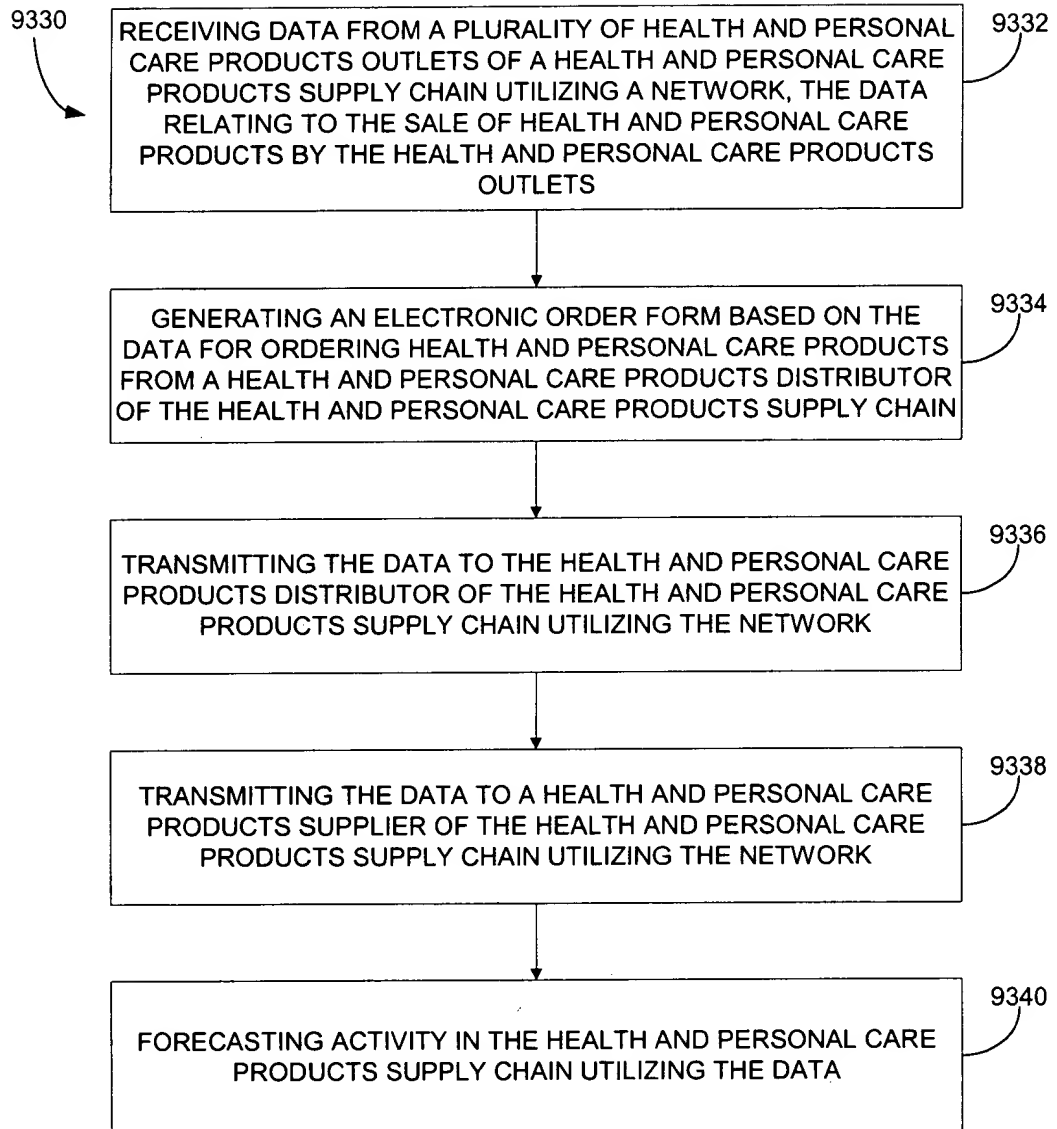
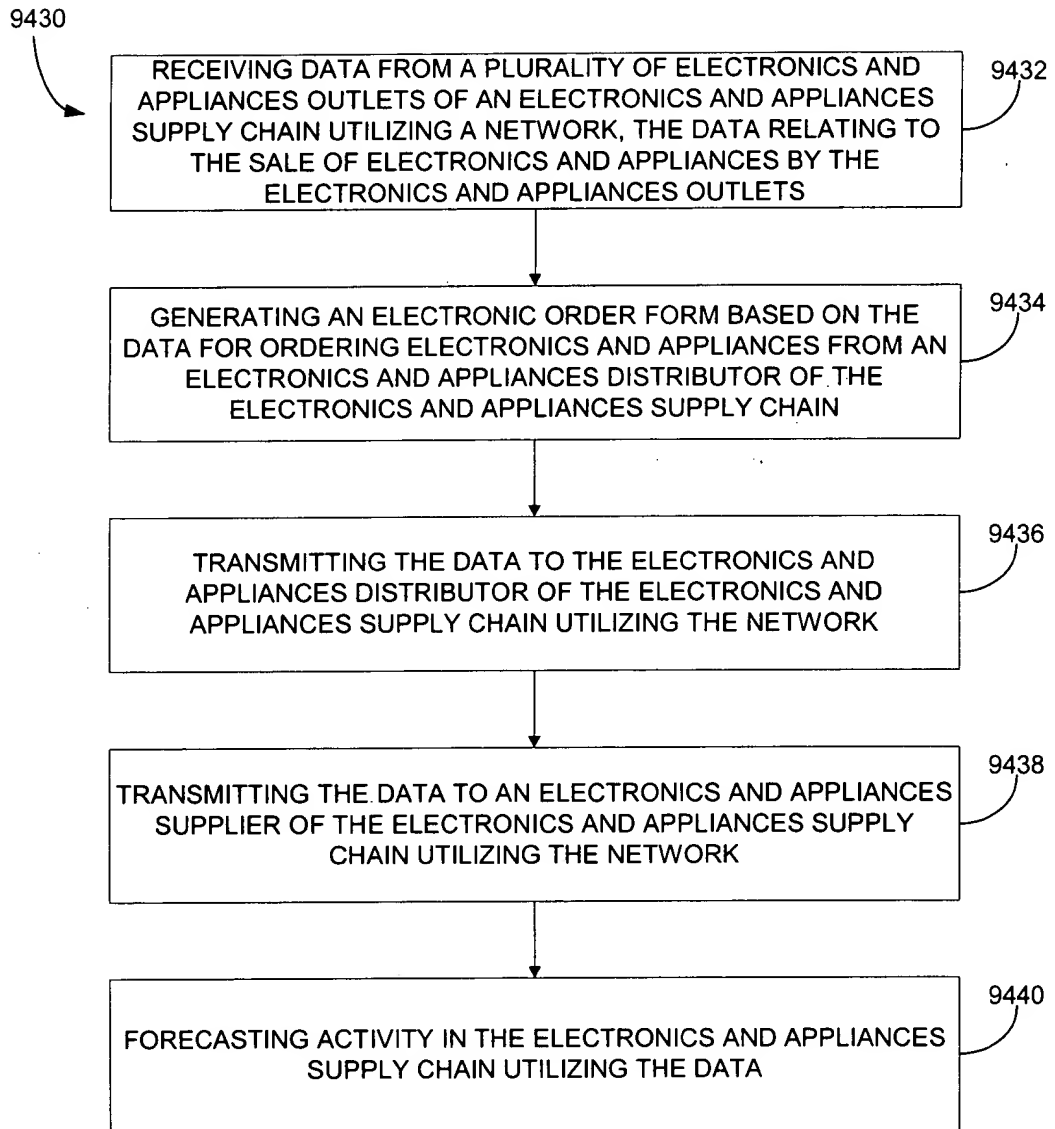


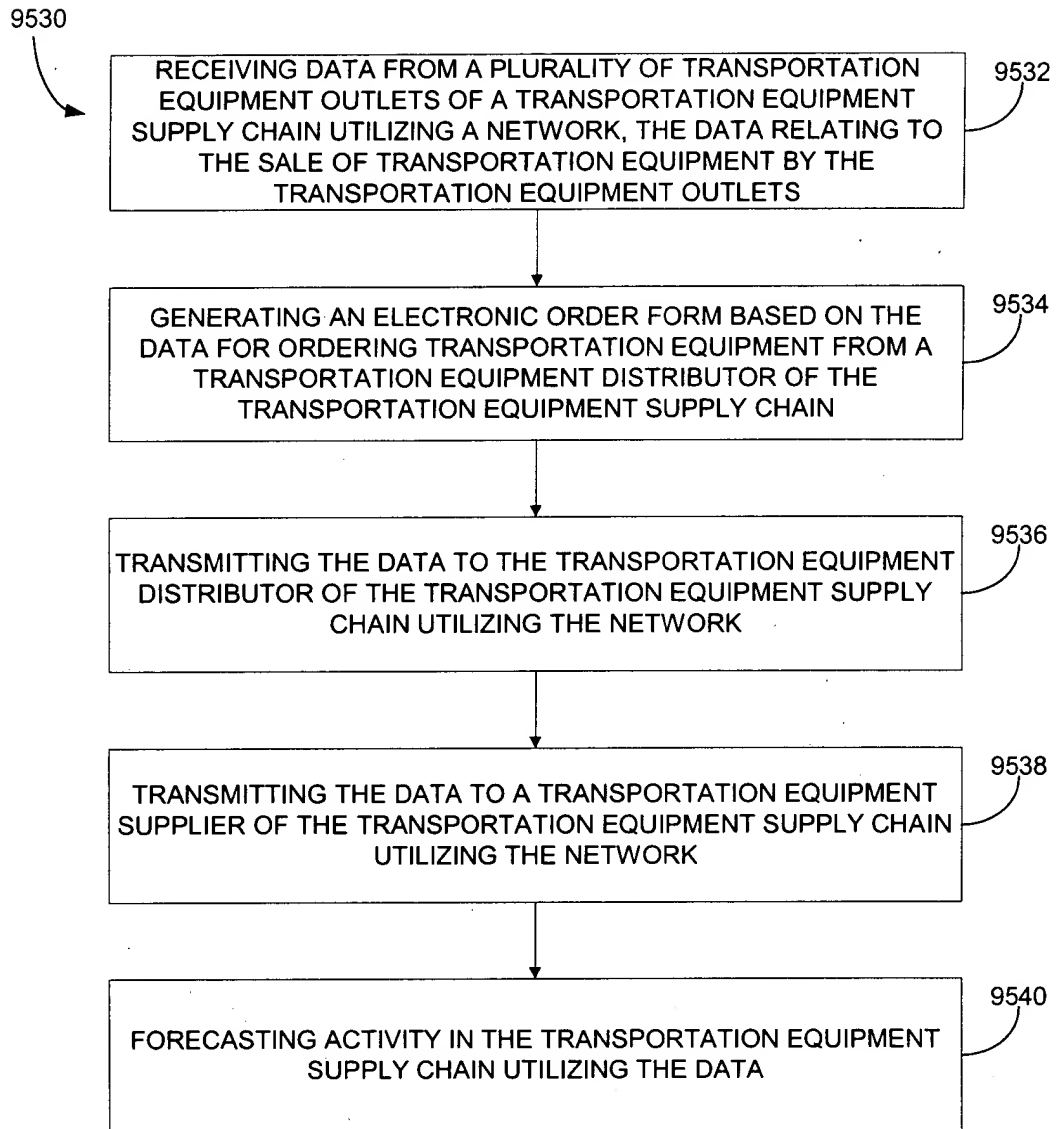
FIG. 92



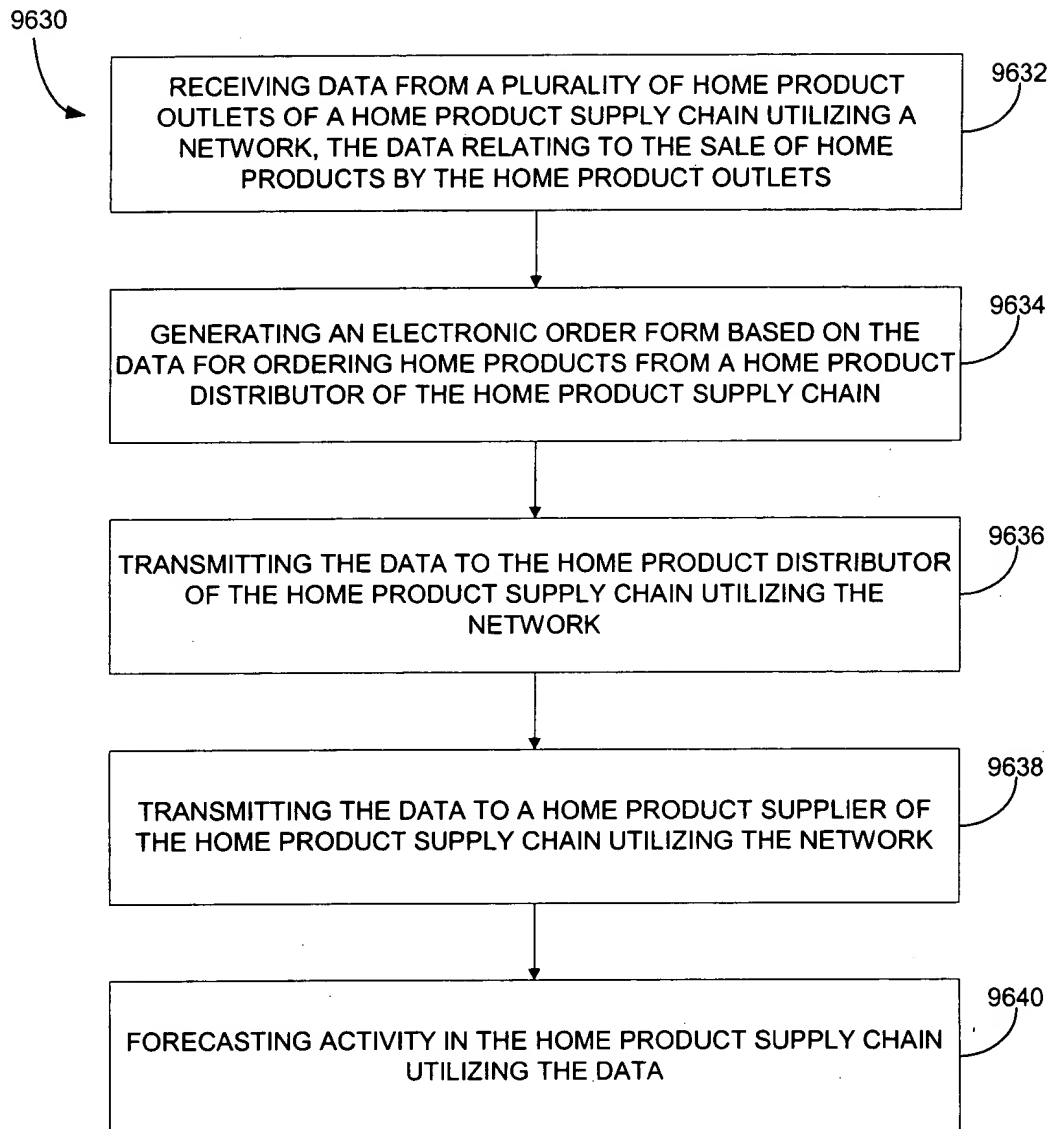
**FIG. 93**



**FIG. 94**

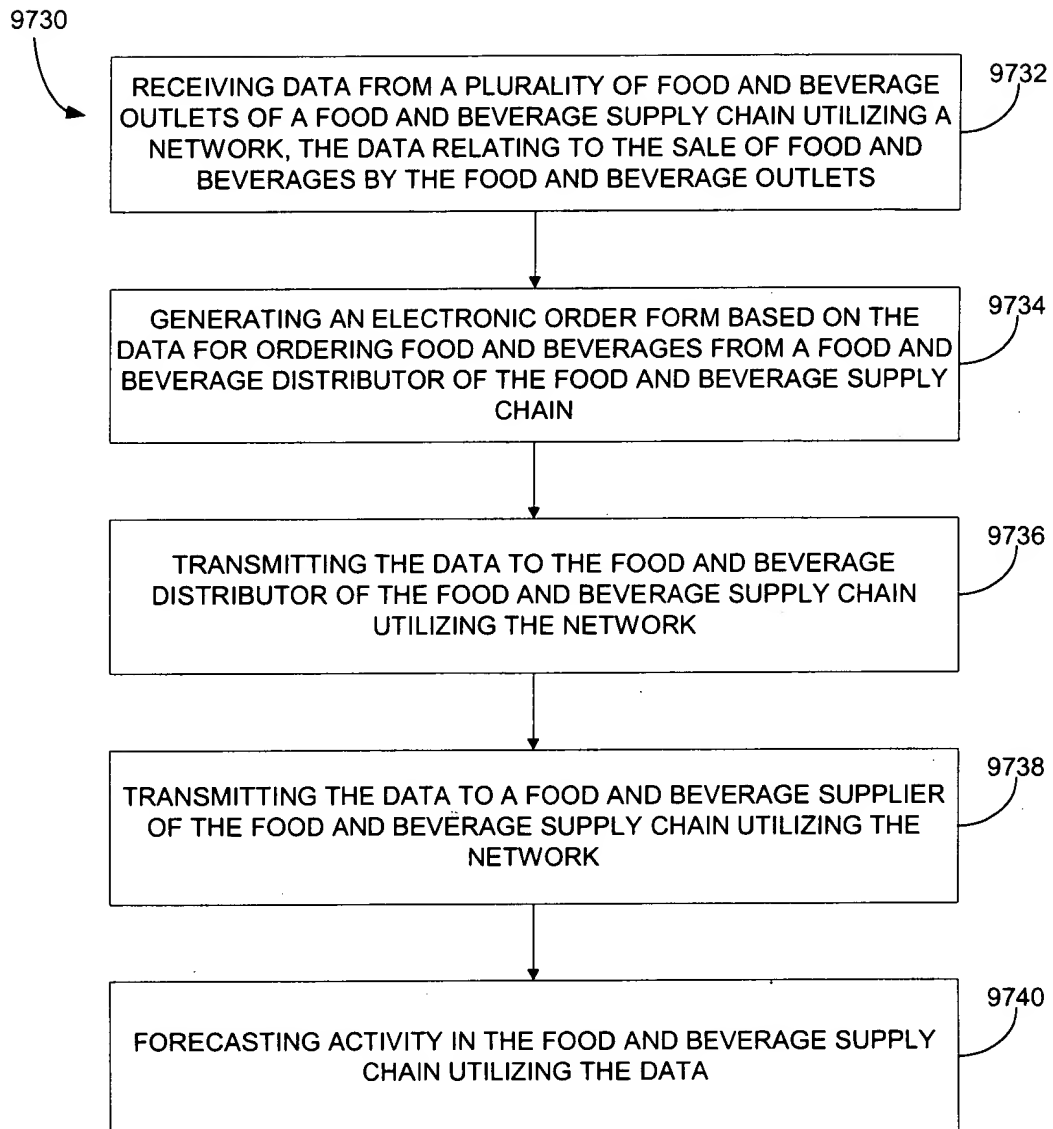


**FIG. 95**

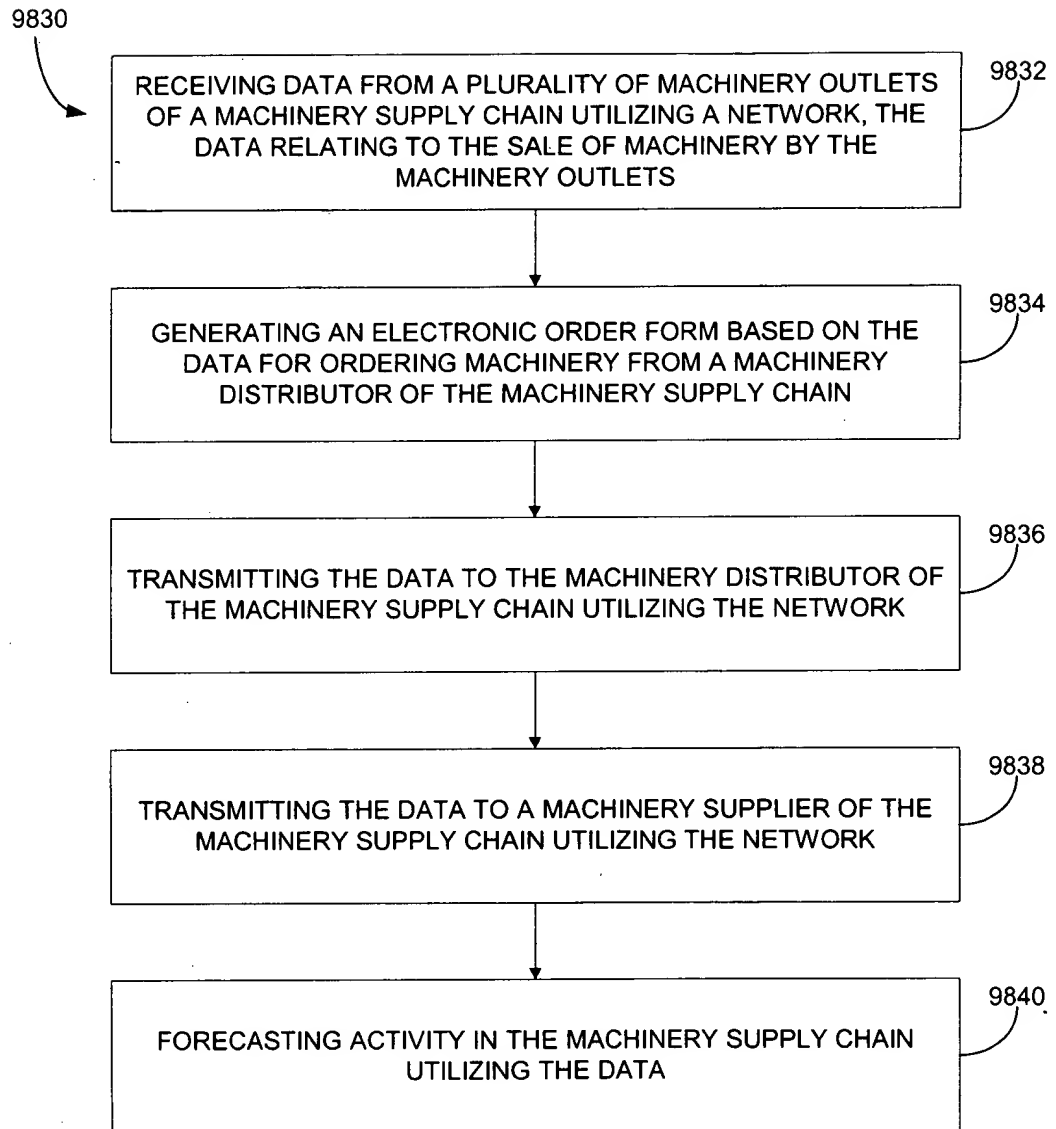


**FIG. 96**

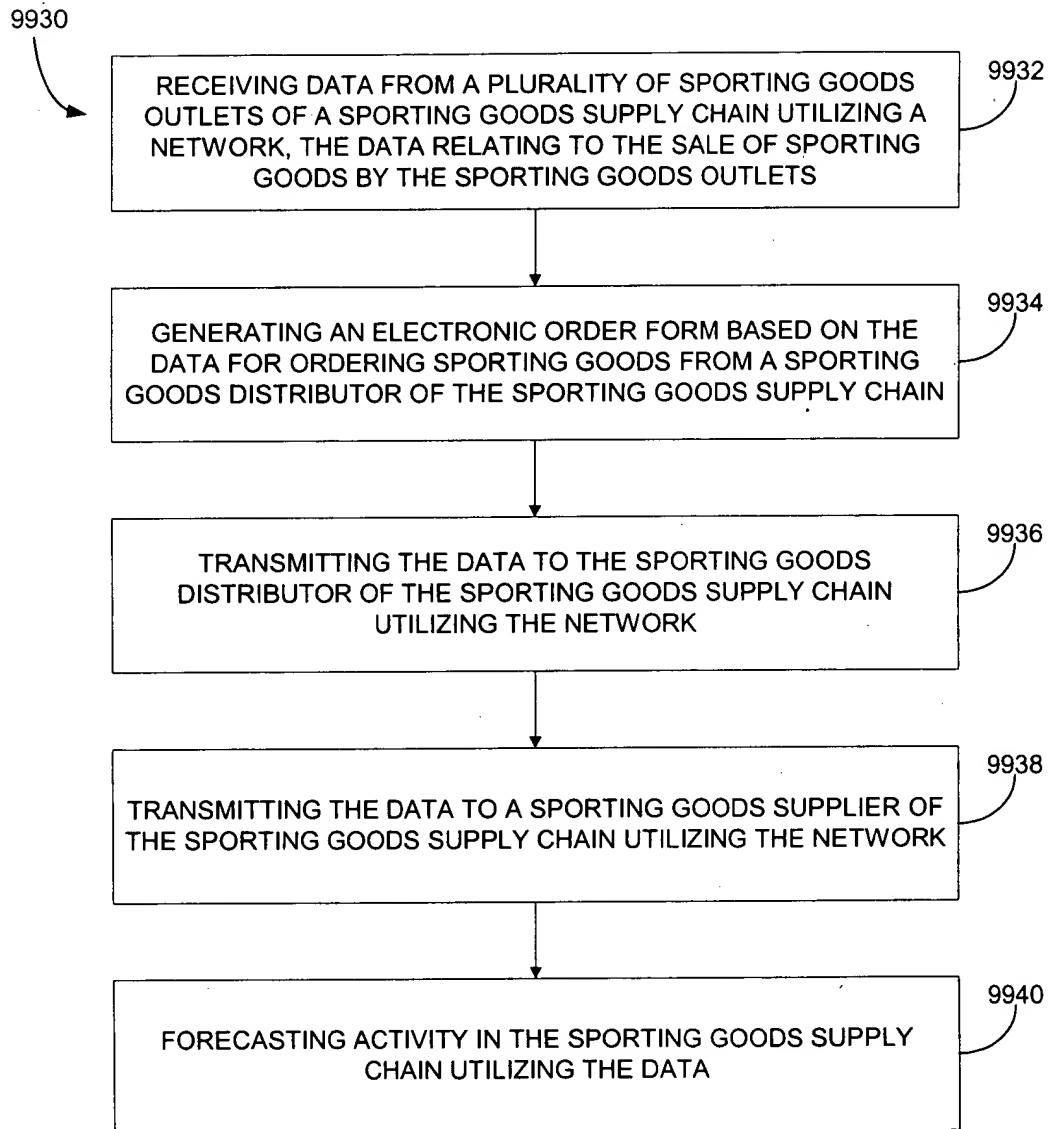




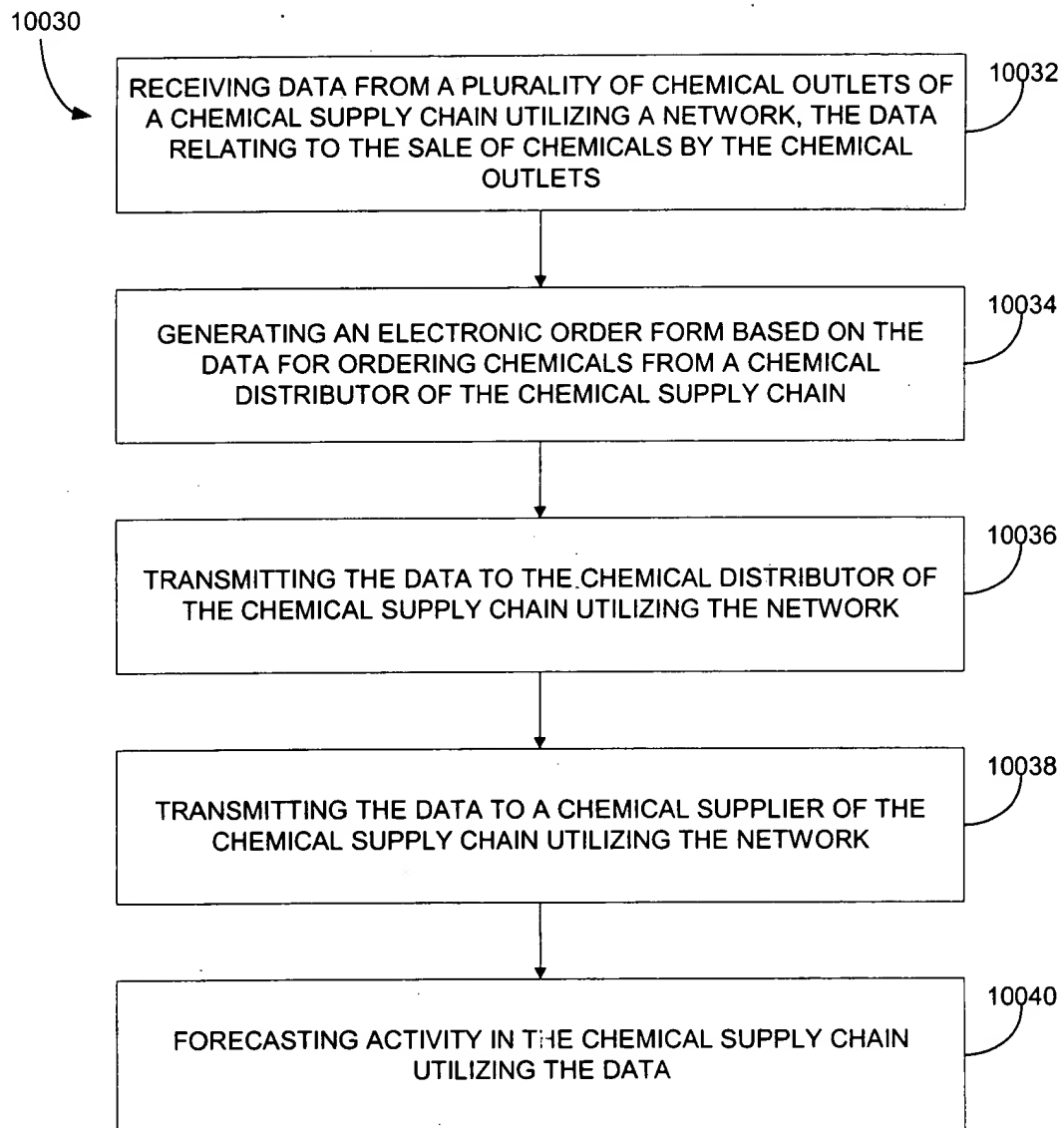
**FIG. 97**



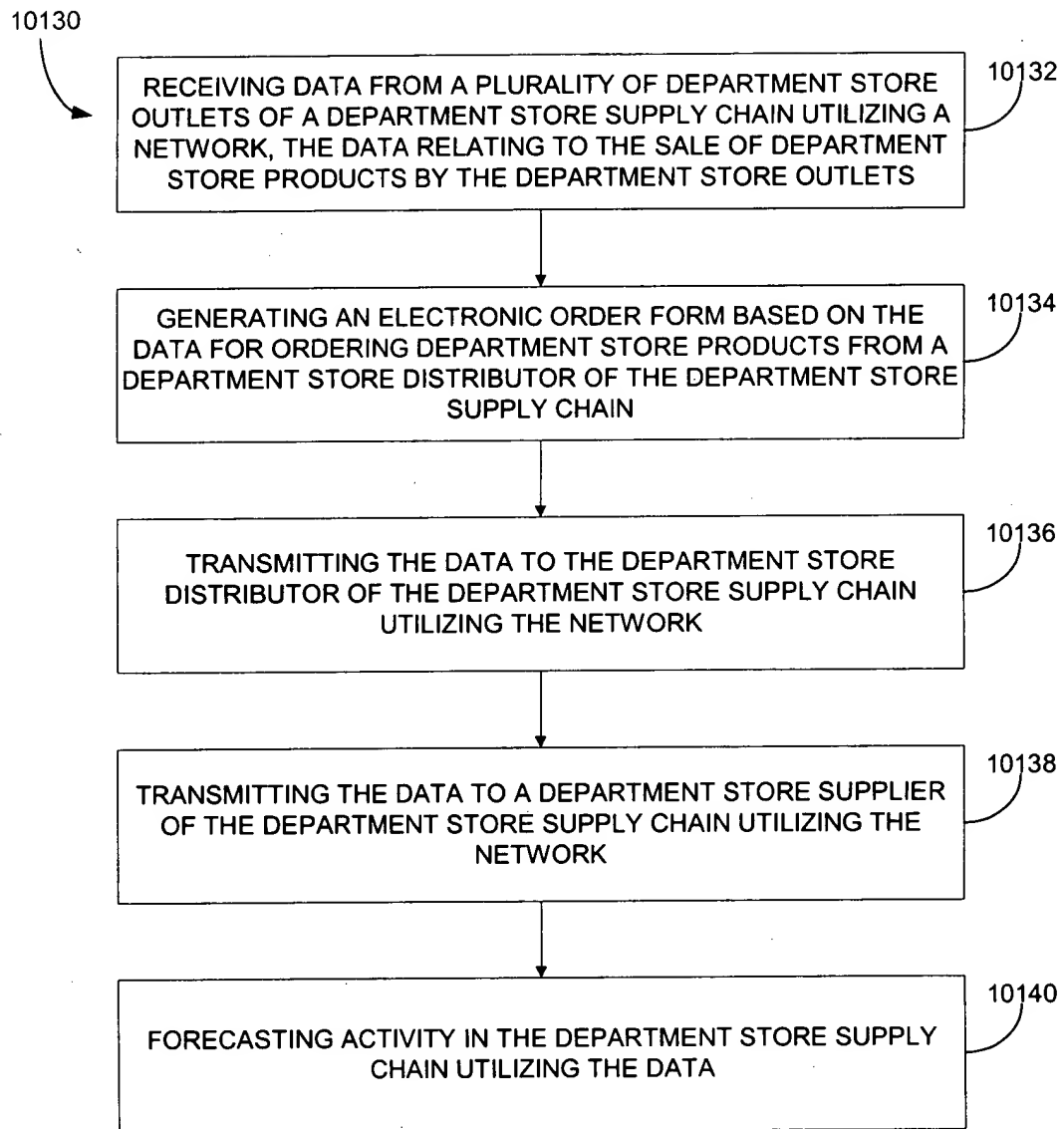
**FIG. 98**



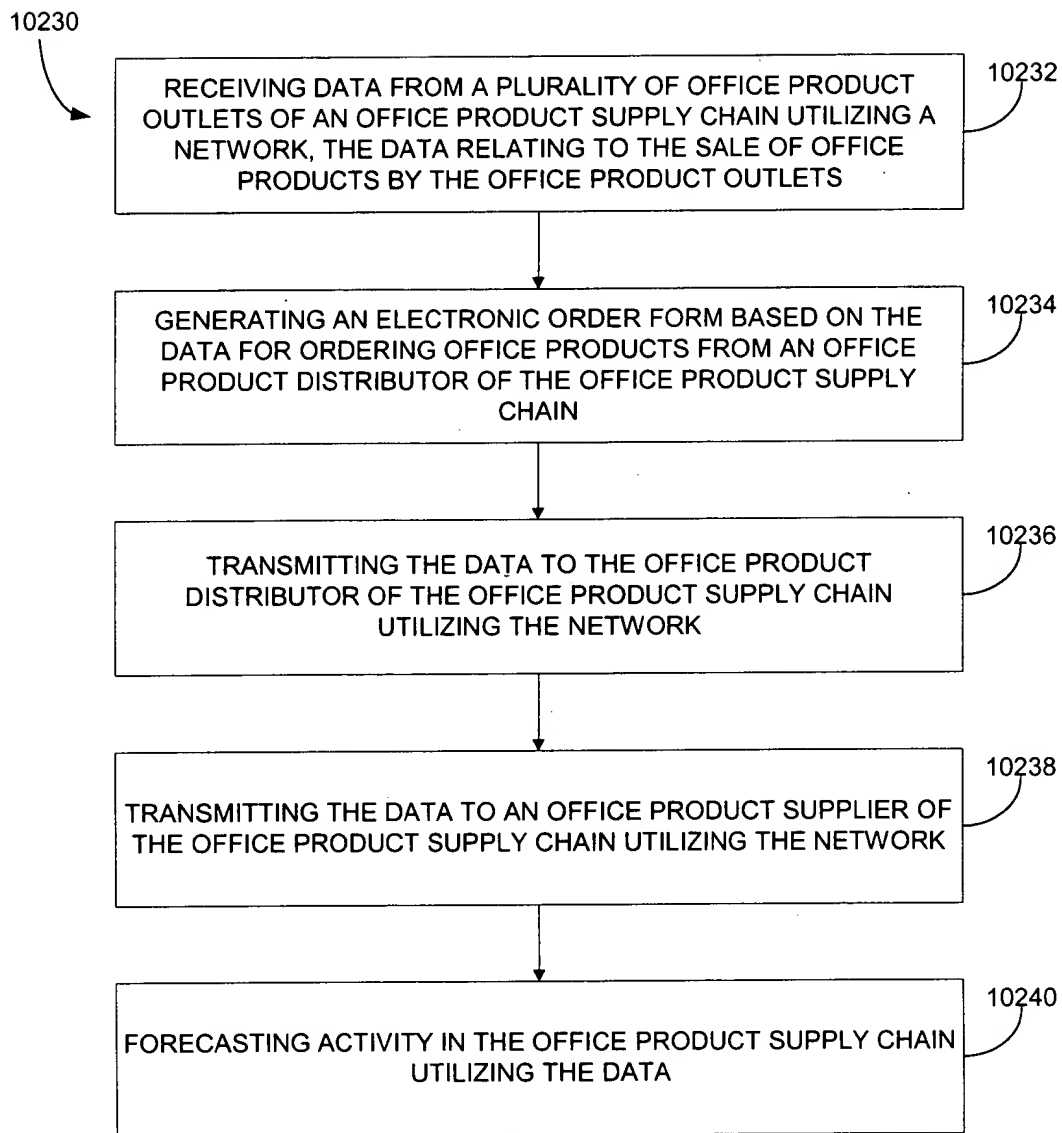
**FIG. 99**



**FIG. 100**

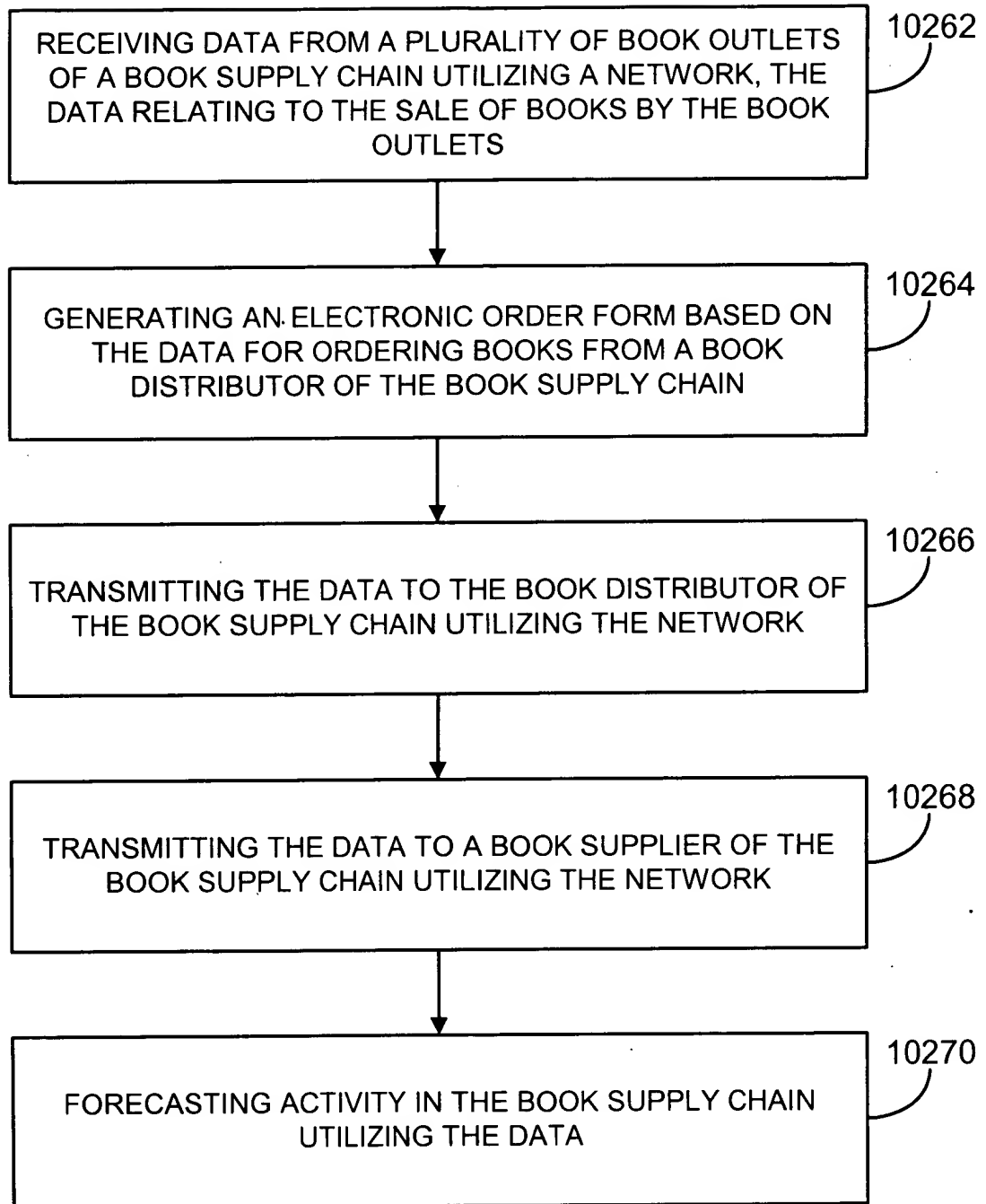


**FIG. 101**

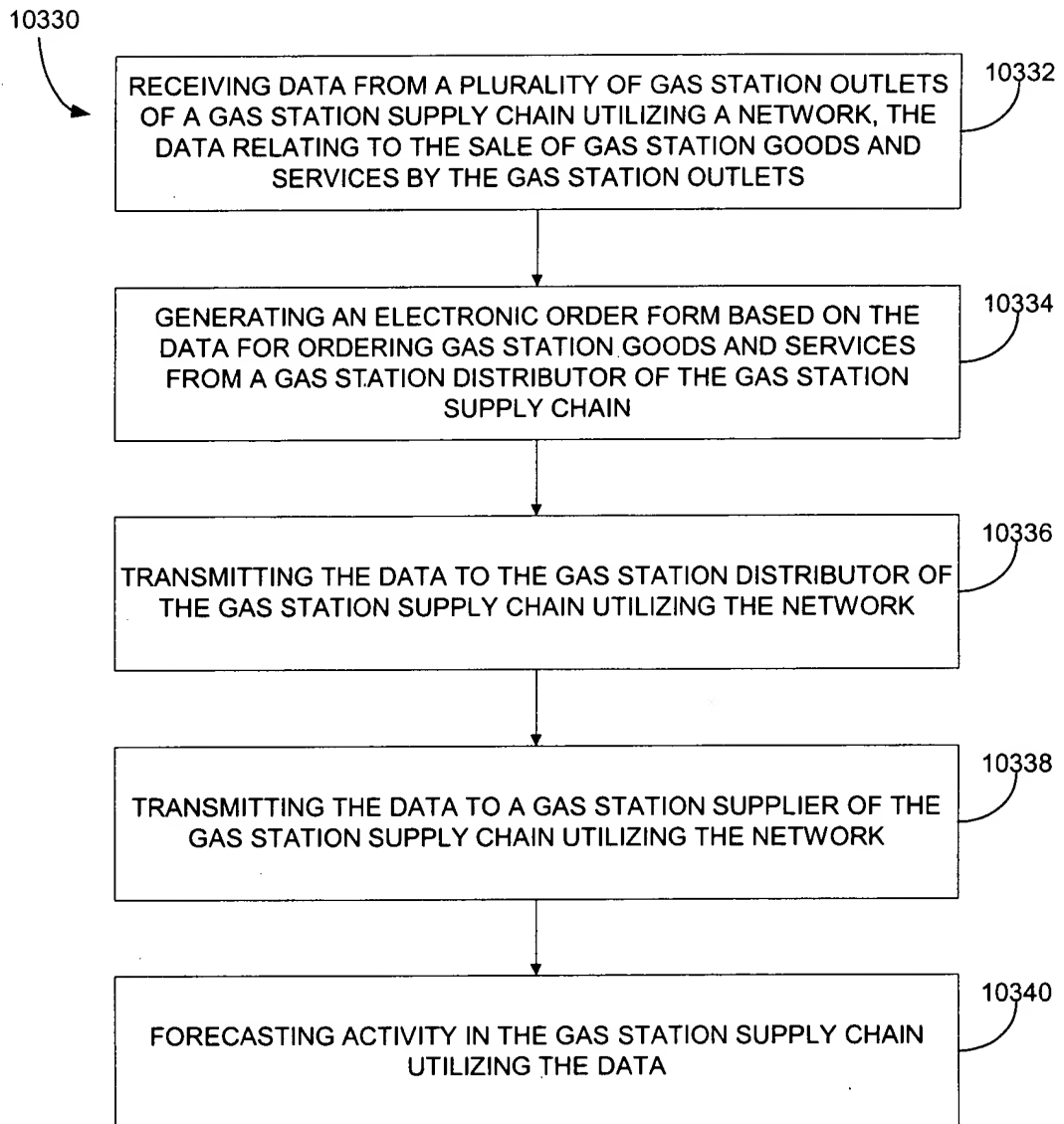


**FIG. 102A**

10260

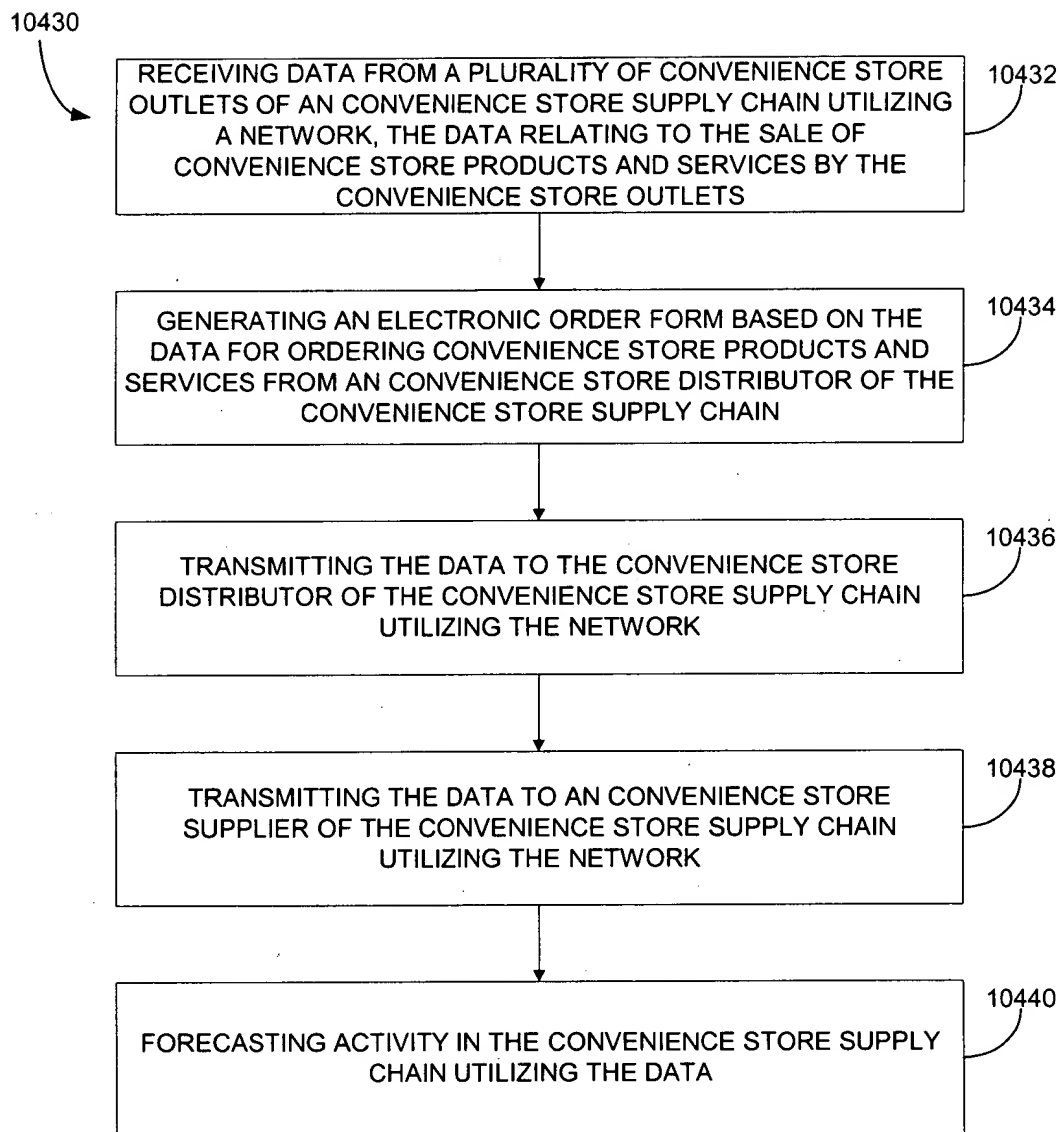


**FIG. 102B**



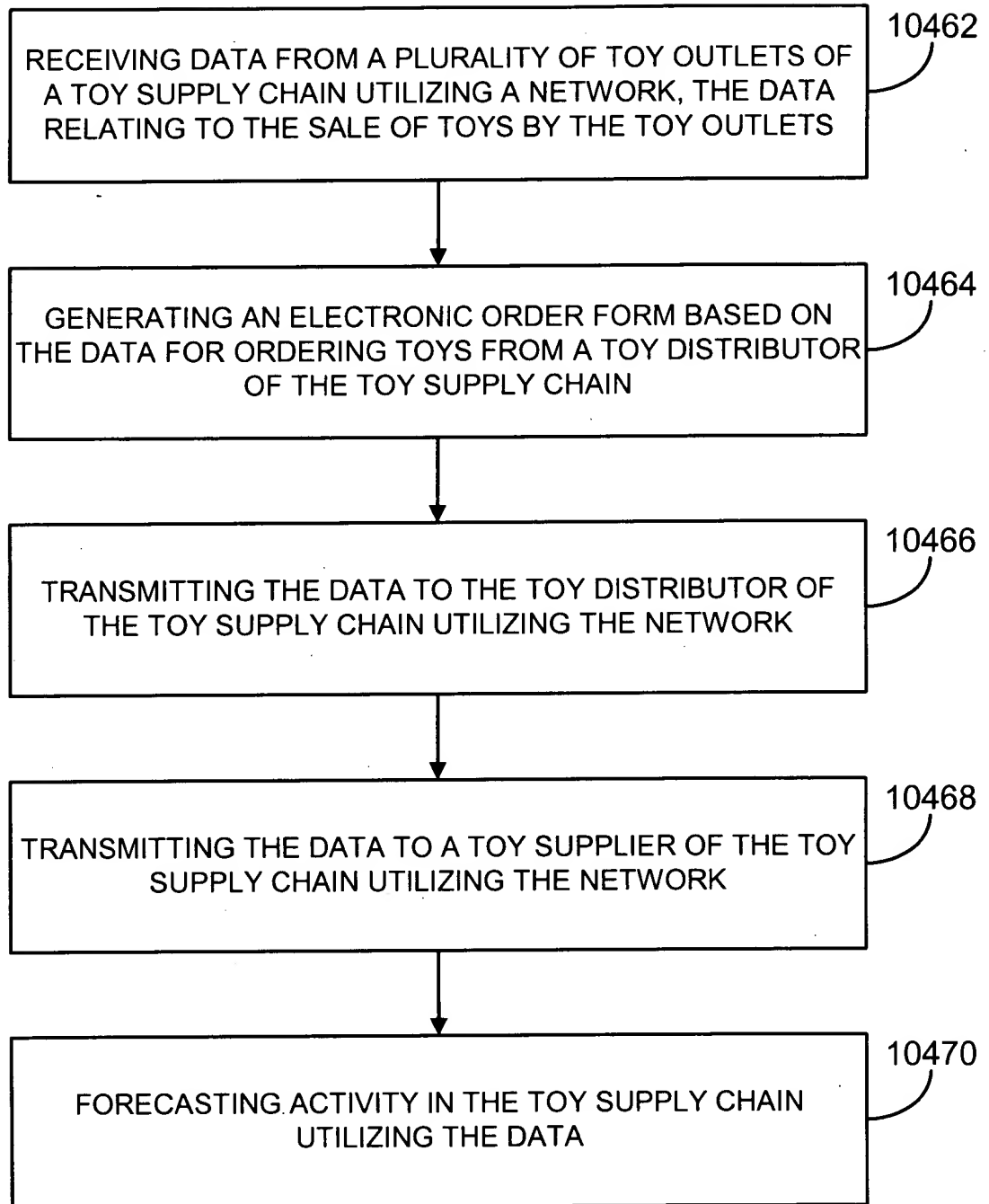
**FIG. 103**



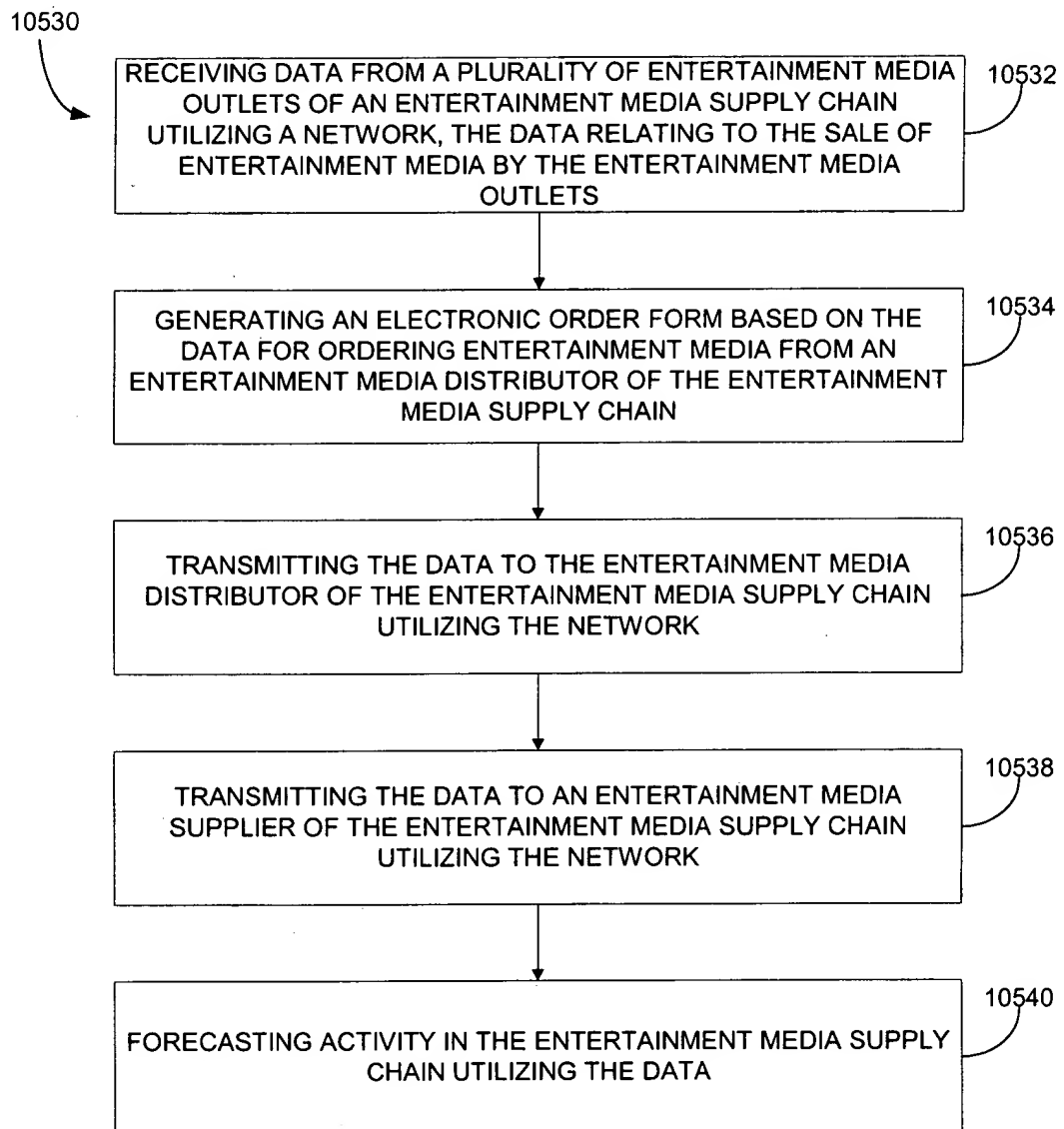


**FIG. 104A**

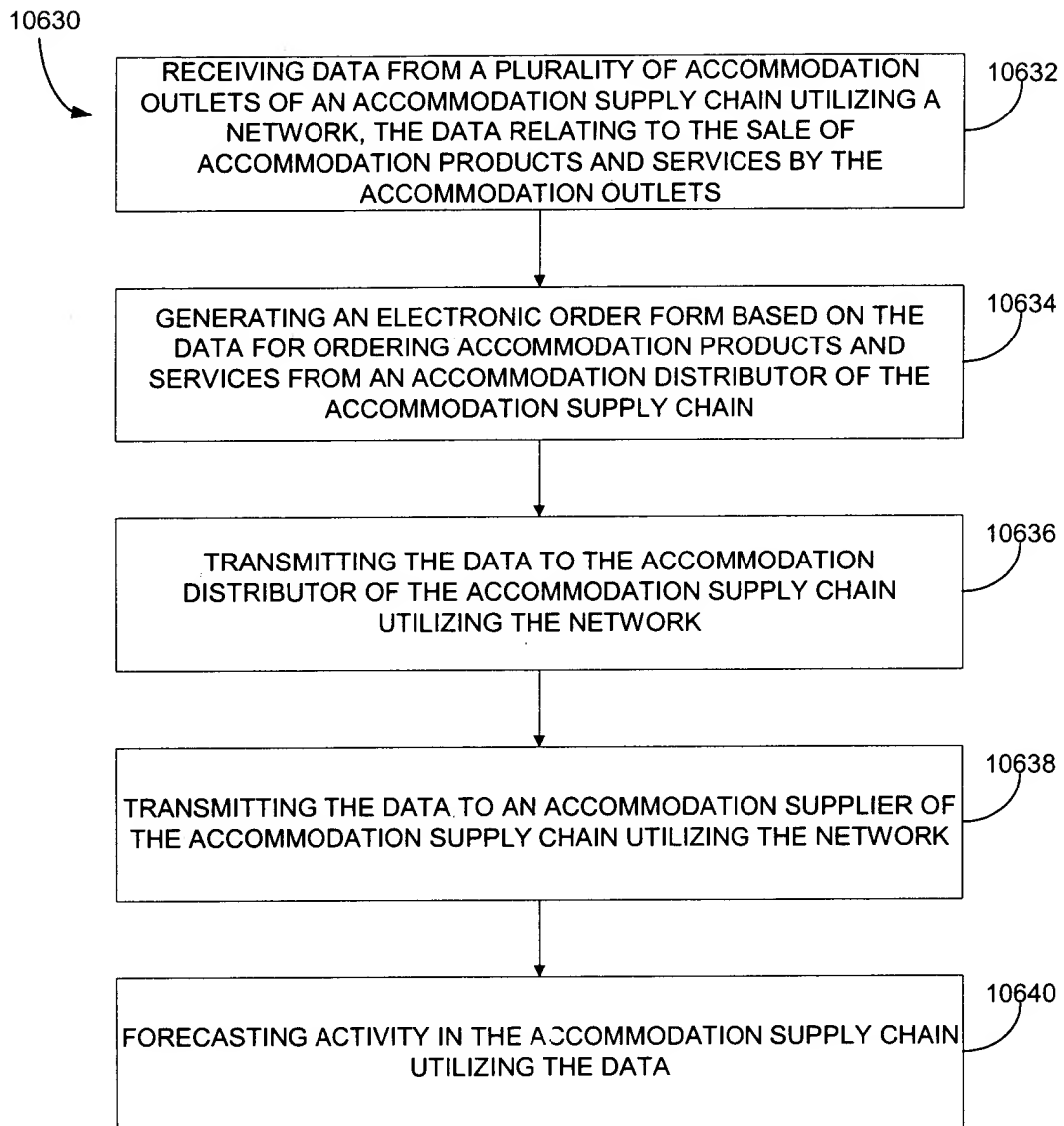
10460



**FIG. 104B**



**FIG. 105**



**FIG. 106**

10730

RECEIVING DATA FROM A PLURALITY OF STORES OF A SUPPLY CHAIN UTILIZING A NETWORK, THE DATA RELATING TO THE SALE OF GOODS BY THE STORES

10732

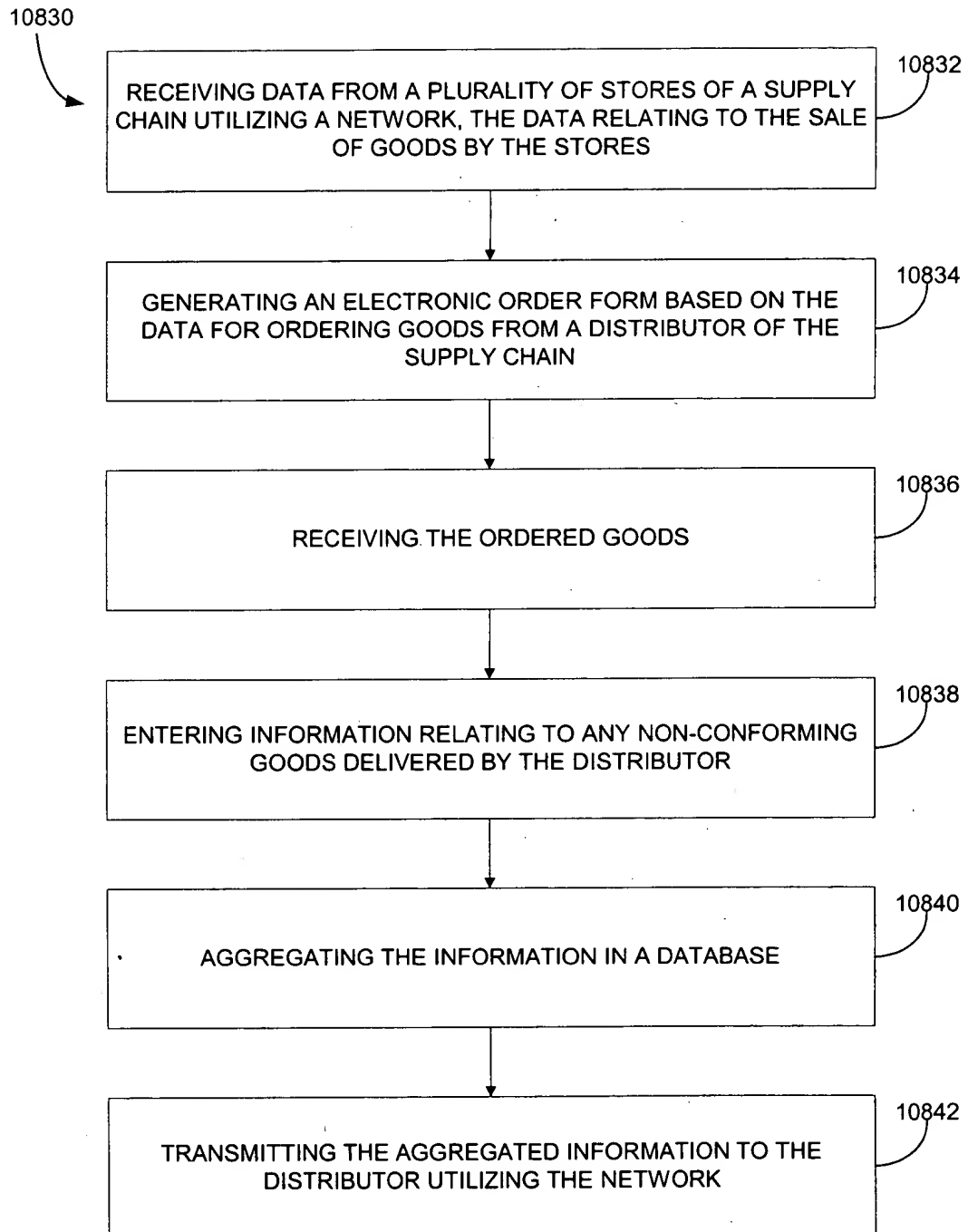
GENERATING AN ELECTRONIC ORDER FORM BASED ON THE DATA FOR ORDERING GOODS FROM A DISTRIBUTOR OF THE SUPPLY CHAIN

10734

TRANSMITTING THE DATA TO SUPPLIERS OF THE SUPPLY CHAIN UTILIZING THE NETWORK, WHEREIN THE SUPPLIERS OFFER RAW PRODUCTS USED FOR PRODUCING THE GOODS AT A PREDETERMINED PRICE, THE PRICE DECREASING AS A FUNCTION OF TIME DURING A PREDETERMINED DURATION

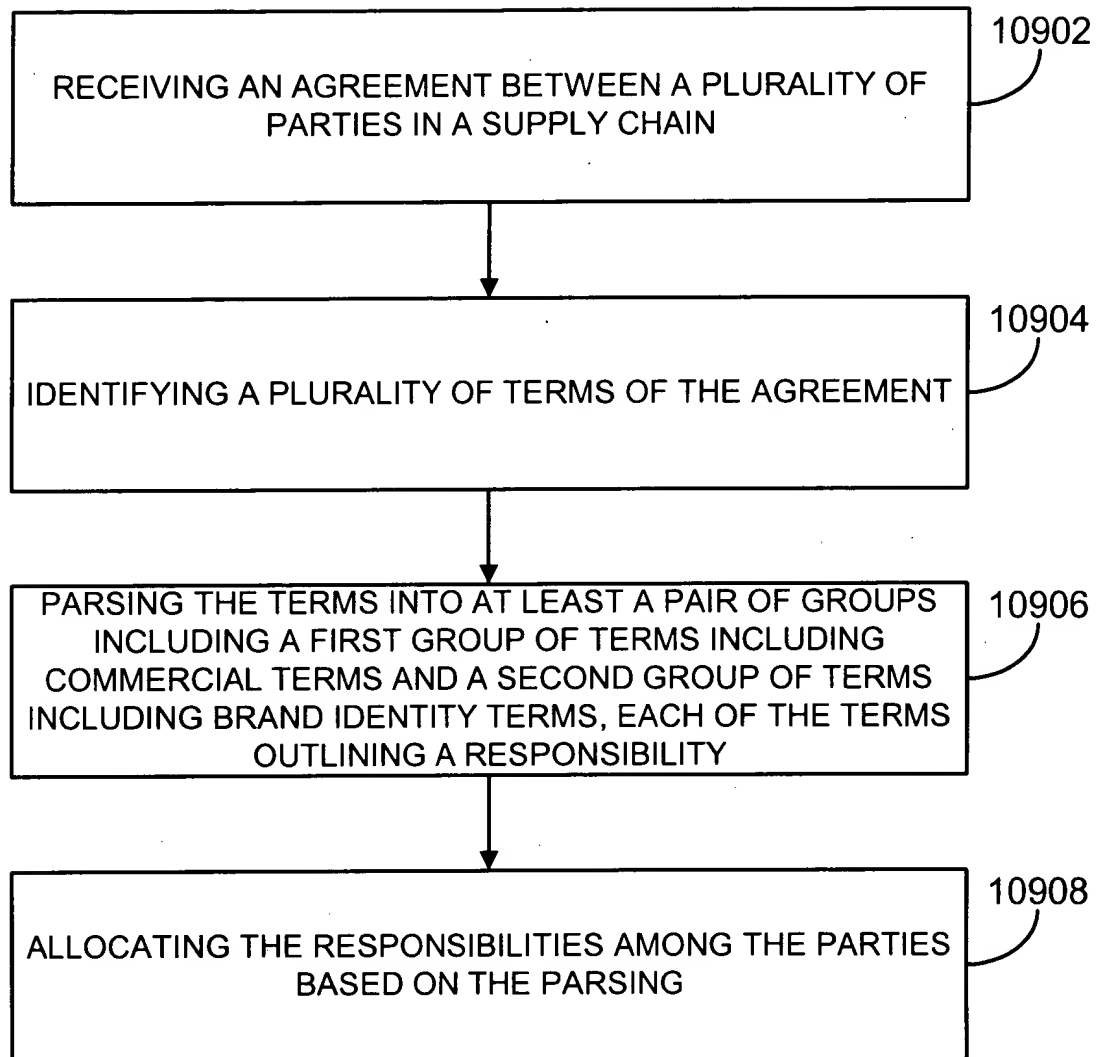
10736

**FIG. 107**



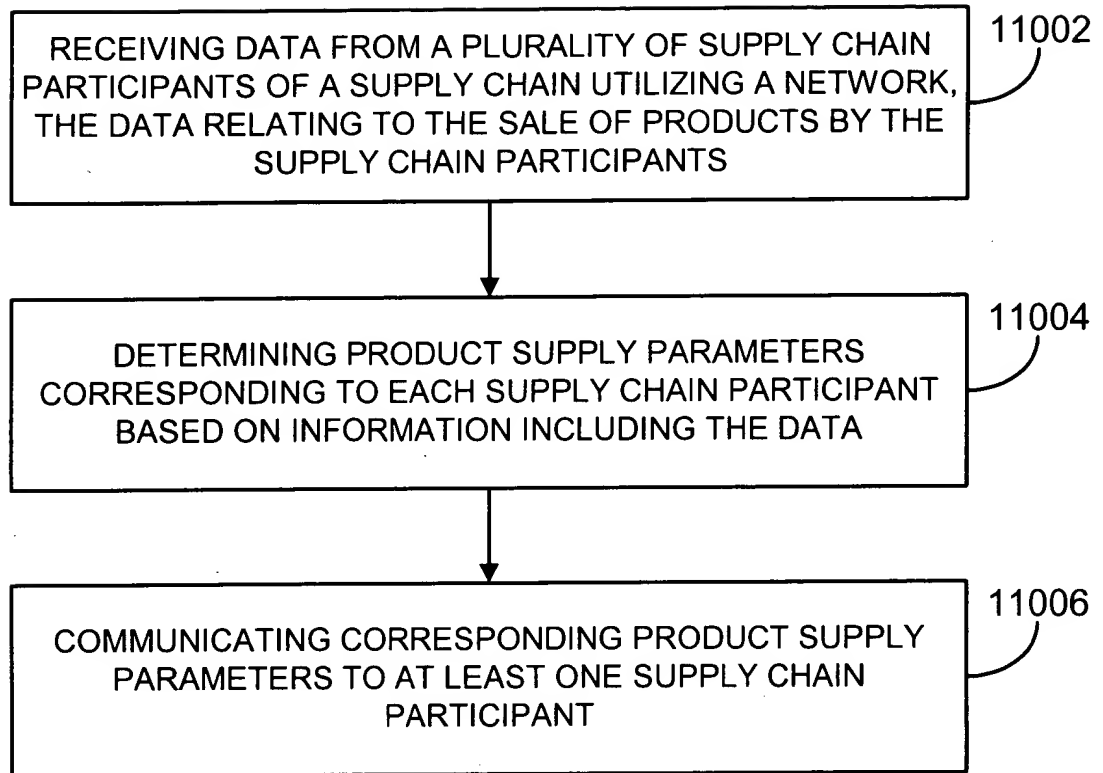
**FIG. 108**

10900



**FIG. 109**

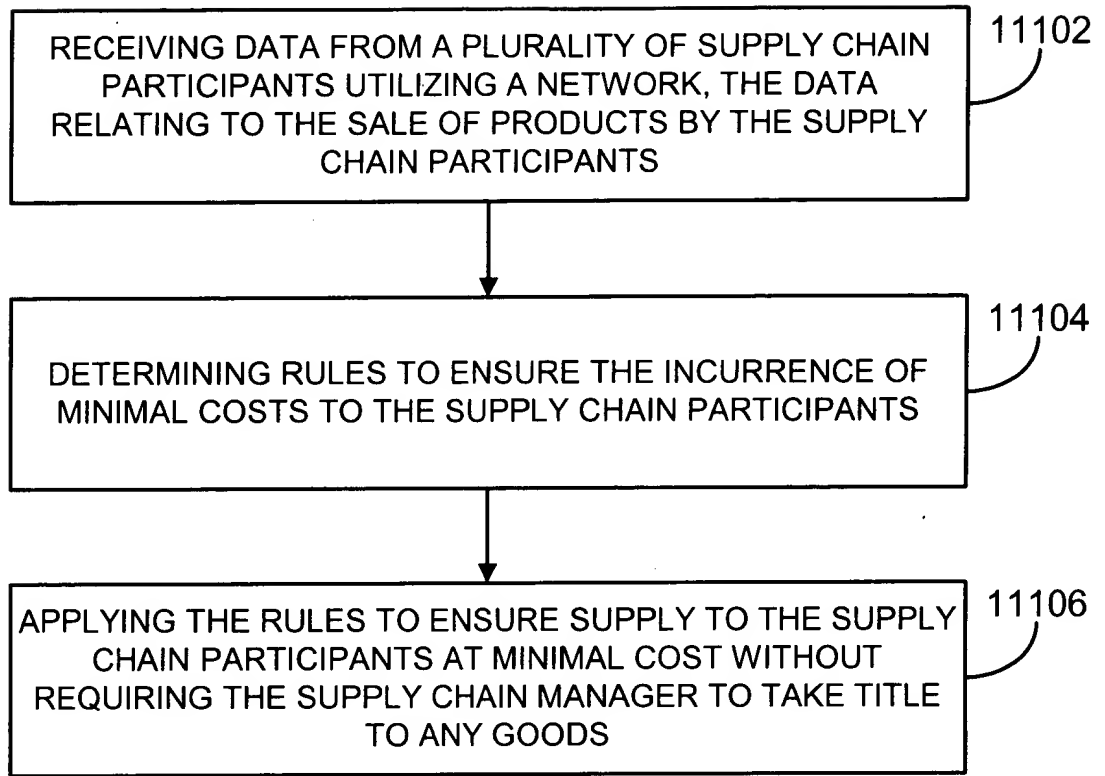
11000



**FIG. 110**

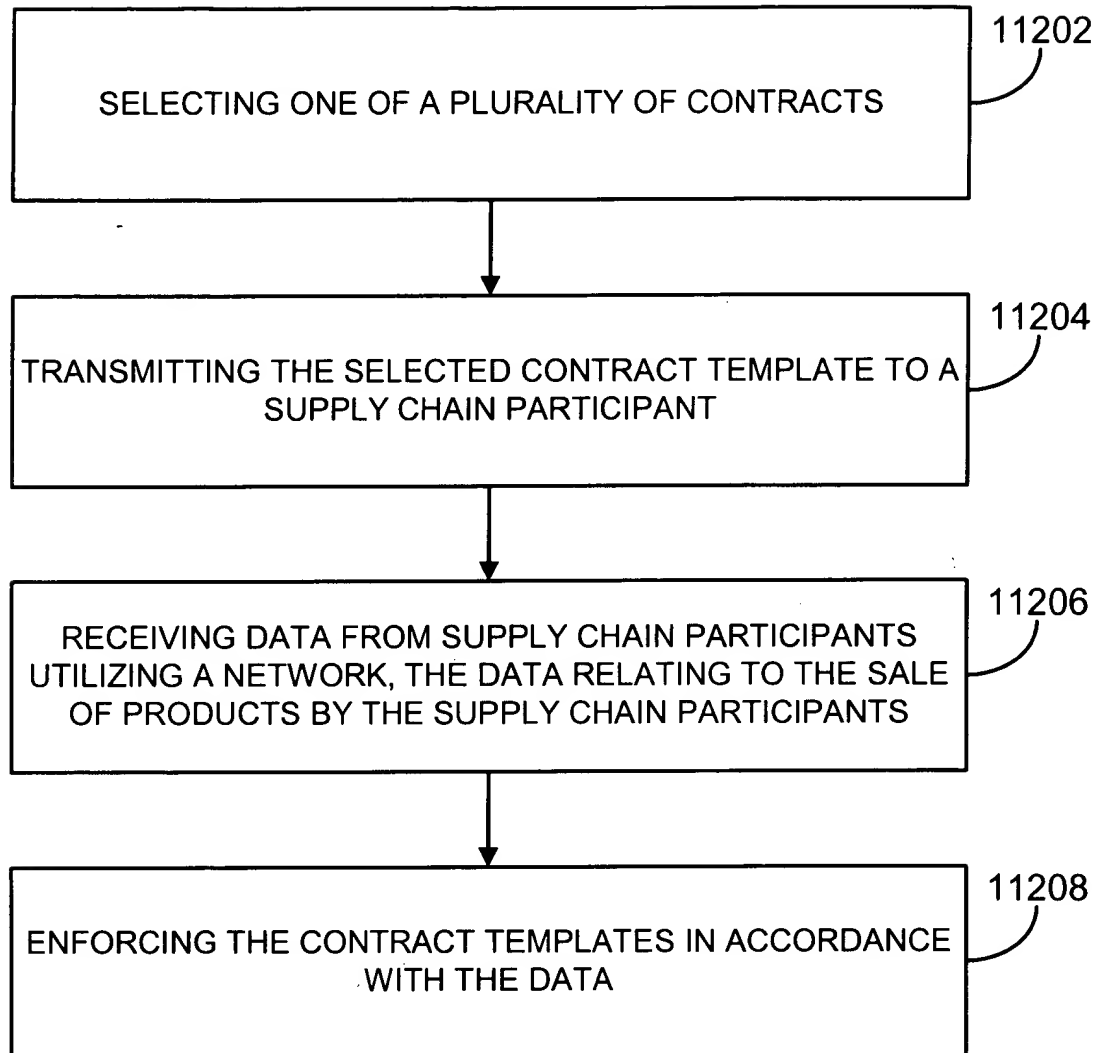


11100



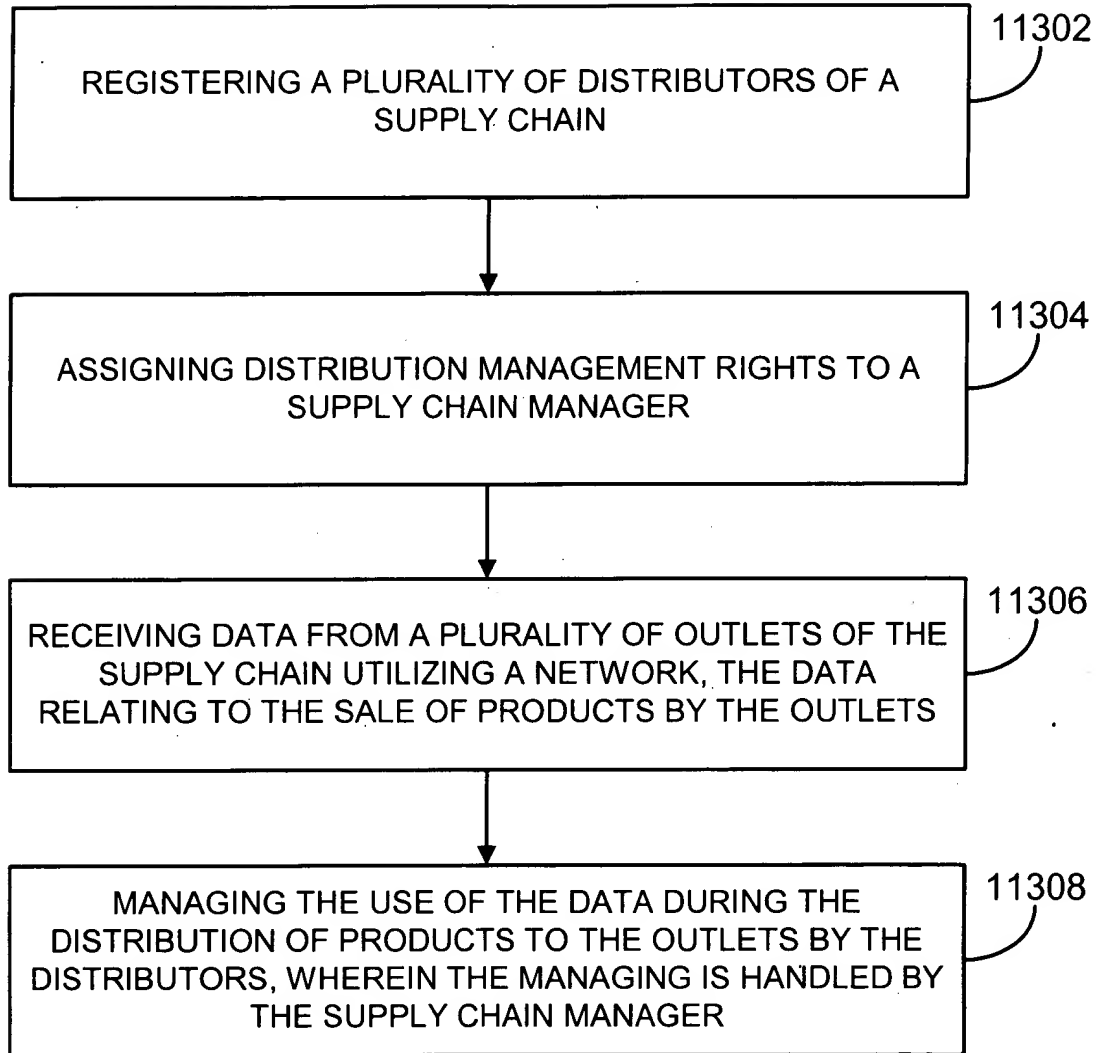
**FIG. 111**

11200



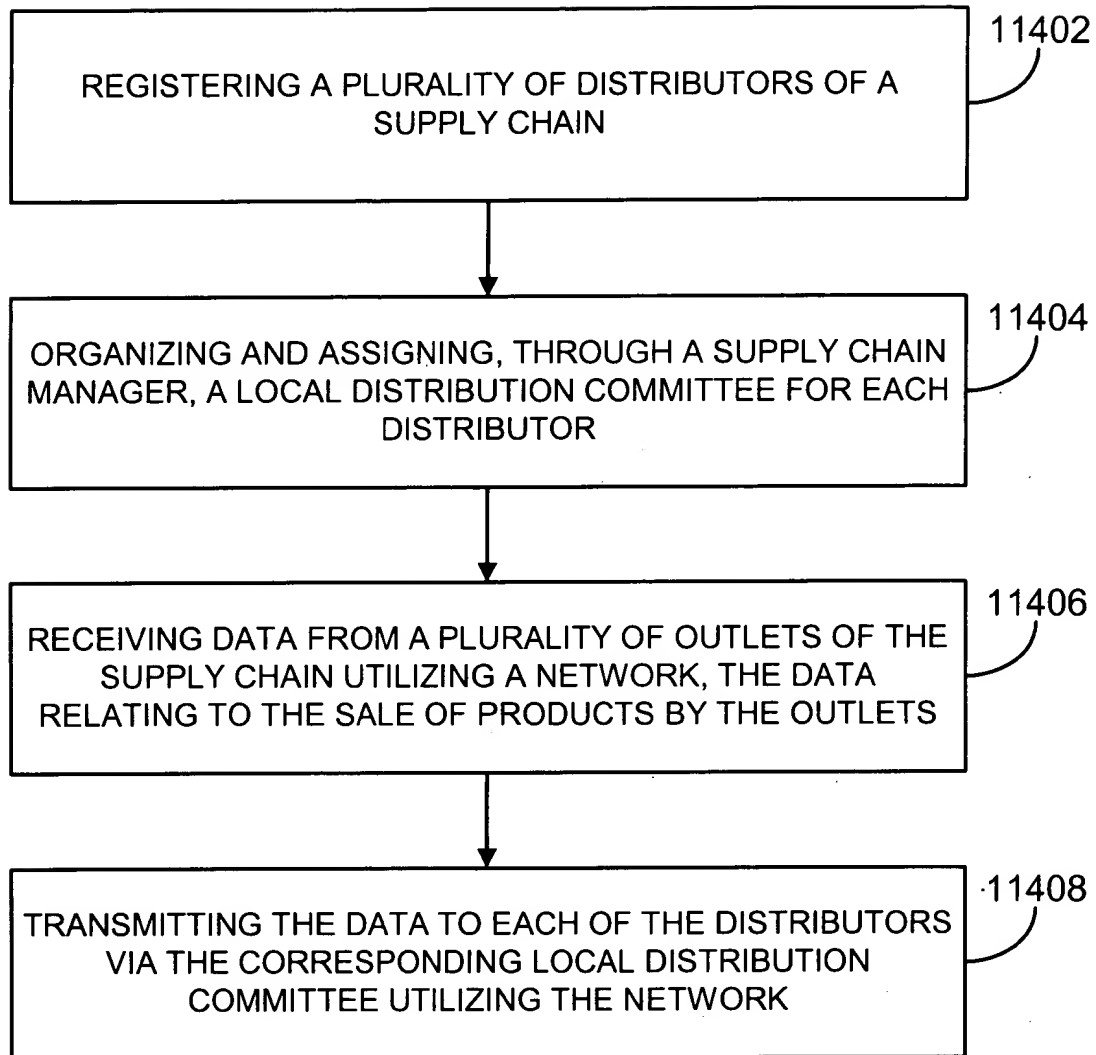
**FIG. 112**

11300



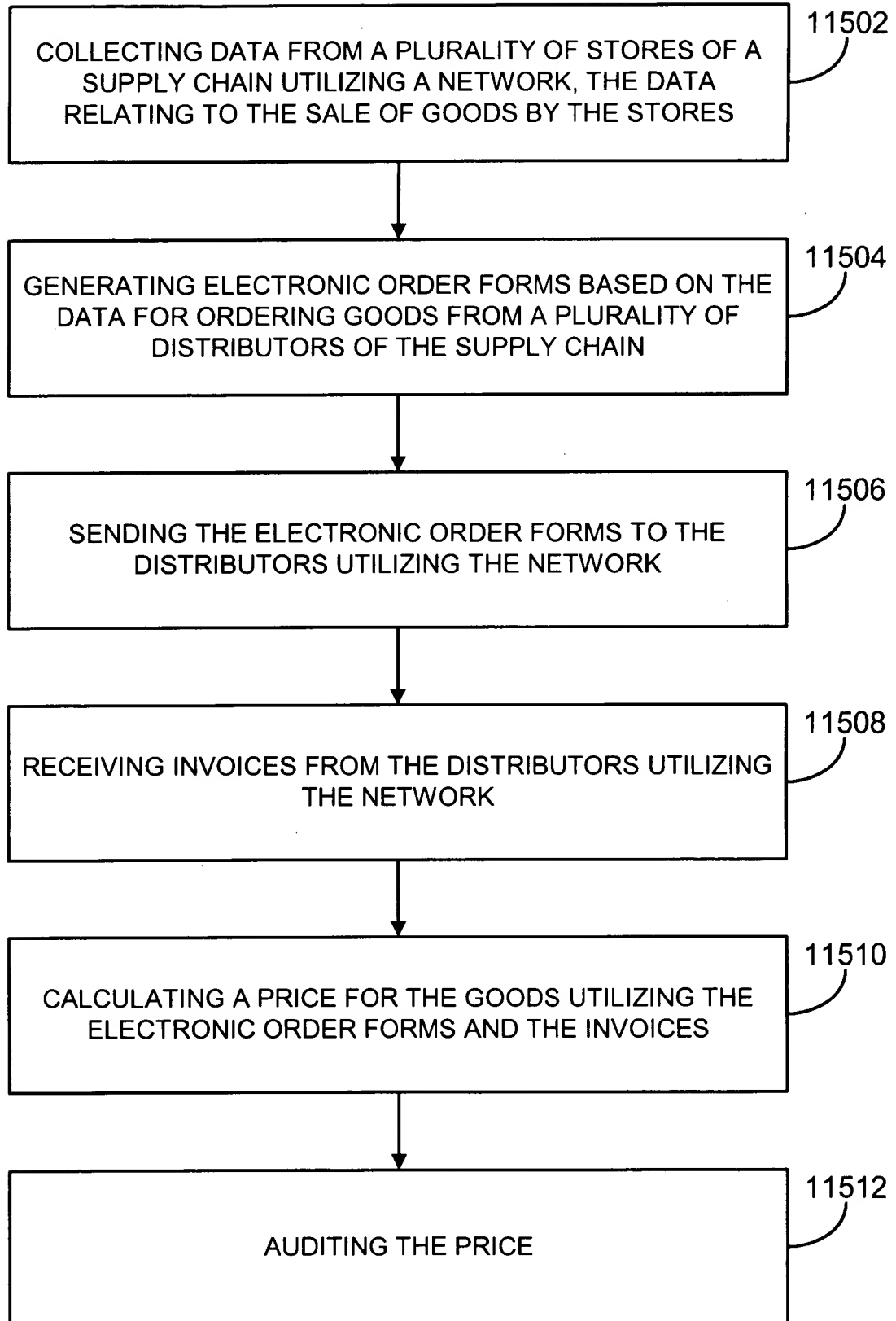
**FIG. 113**

11400



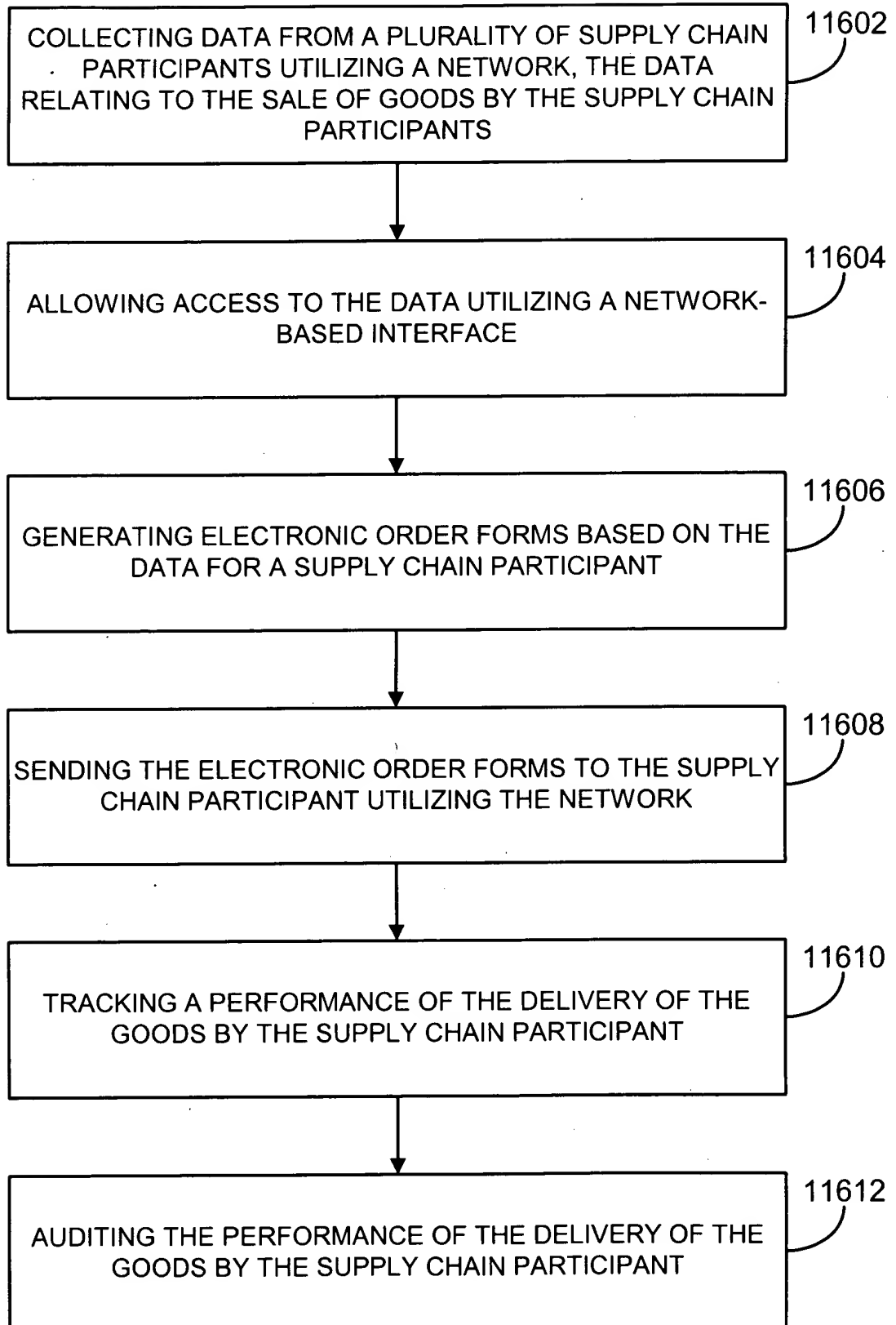
**FIG. 114**

11500



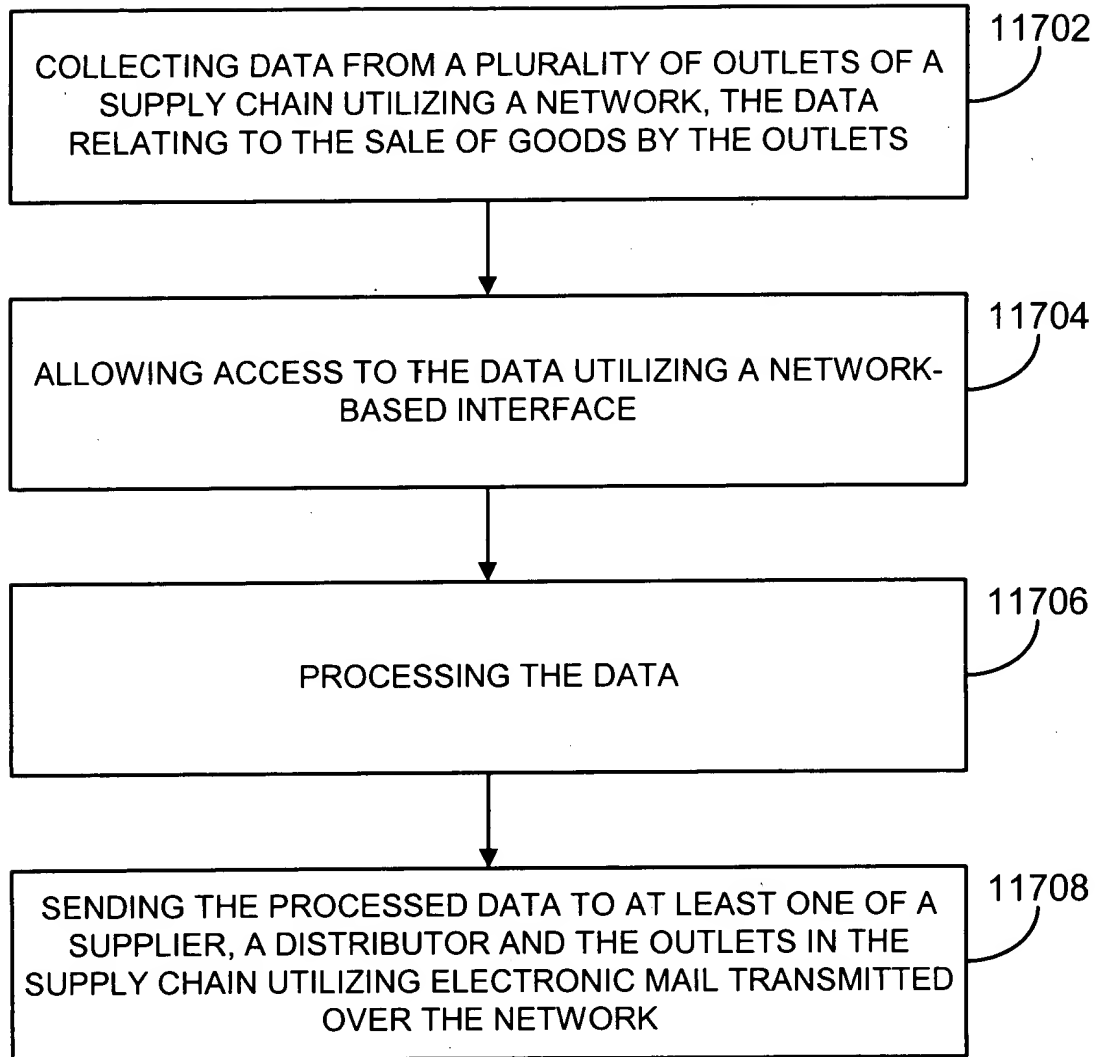
**FIG. 115**

11600



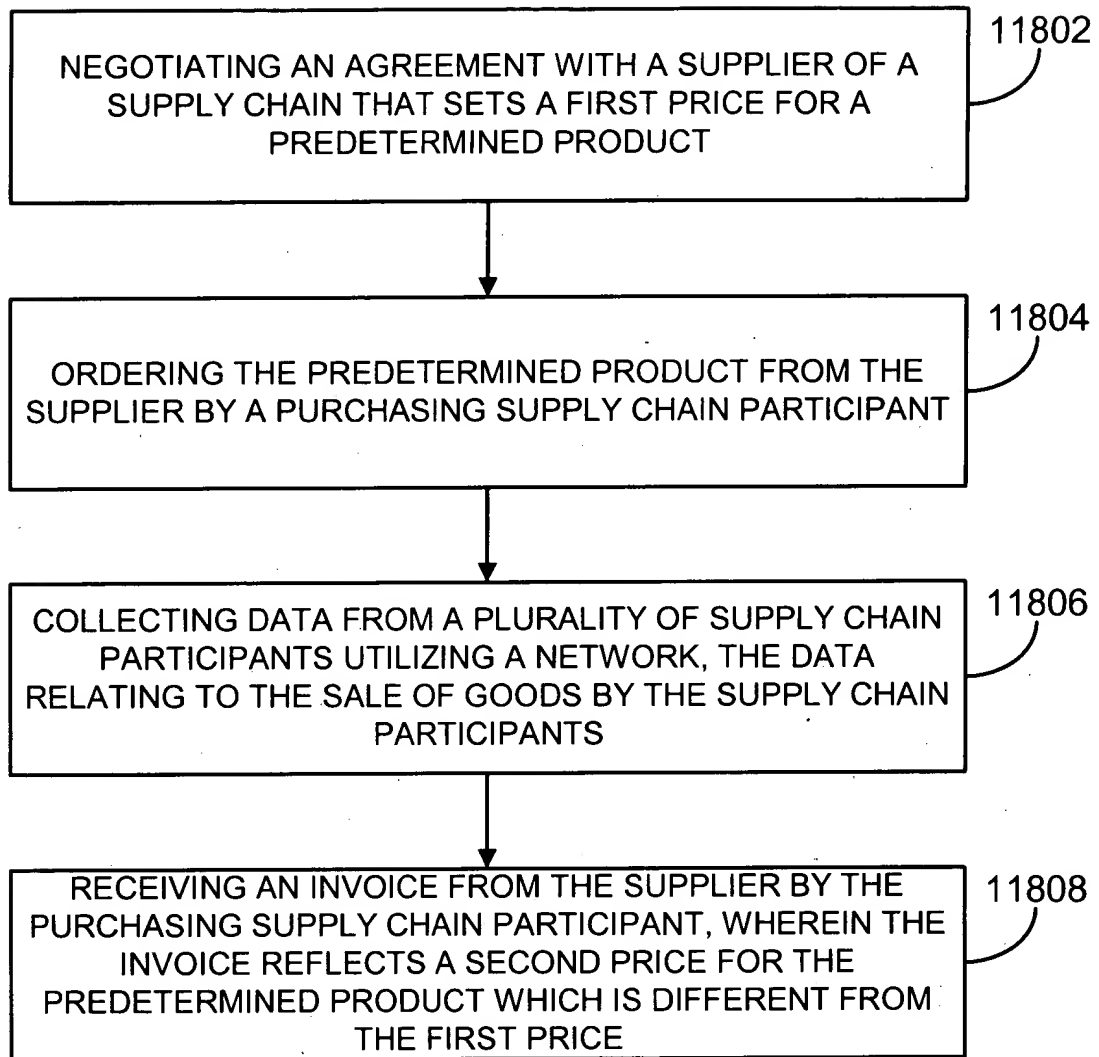
**FIG. 116**

11700



**FIG. 117**

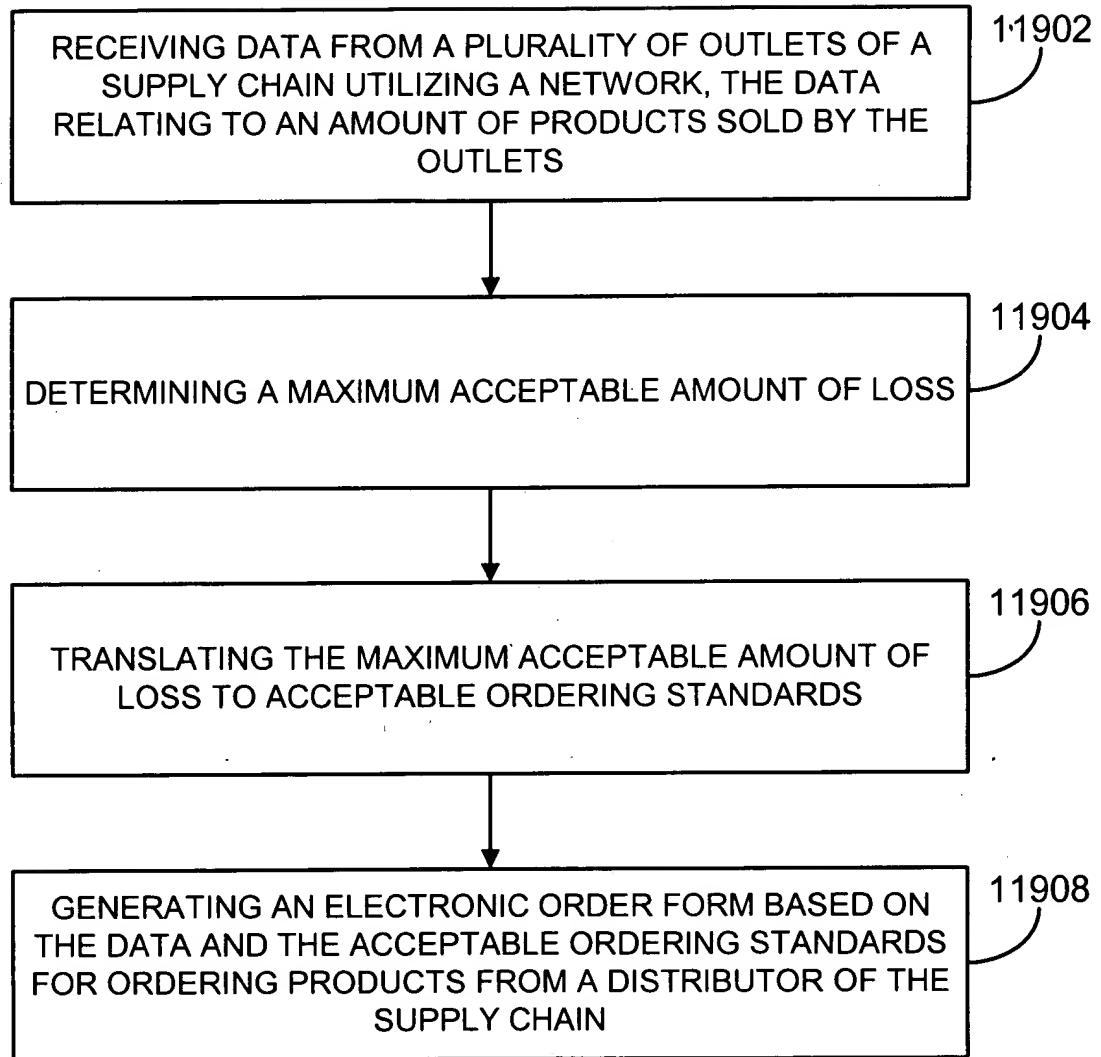
11800



**FIG. 118**

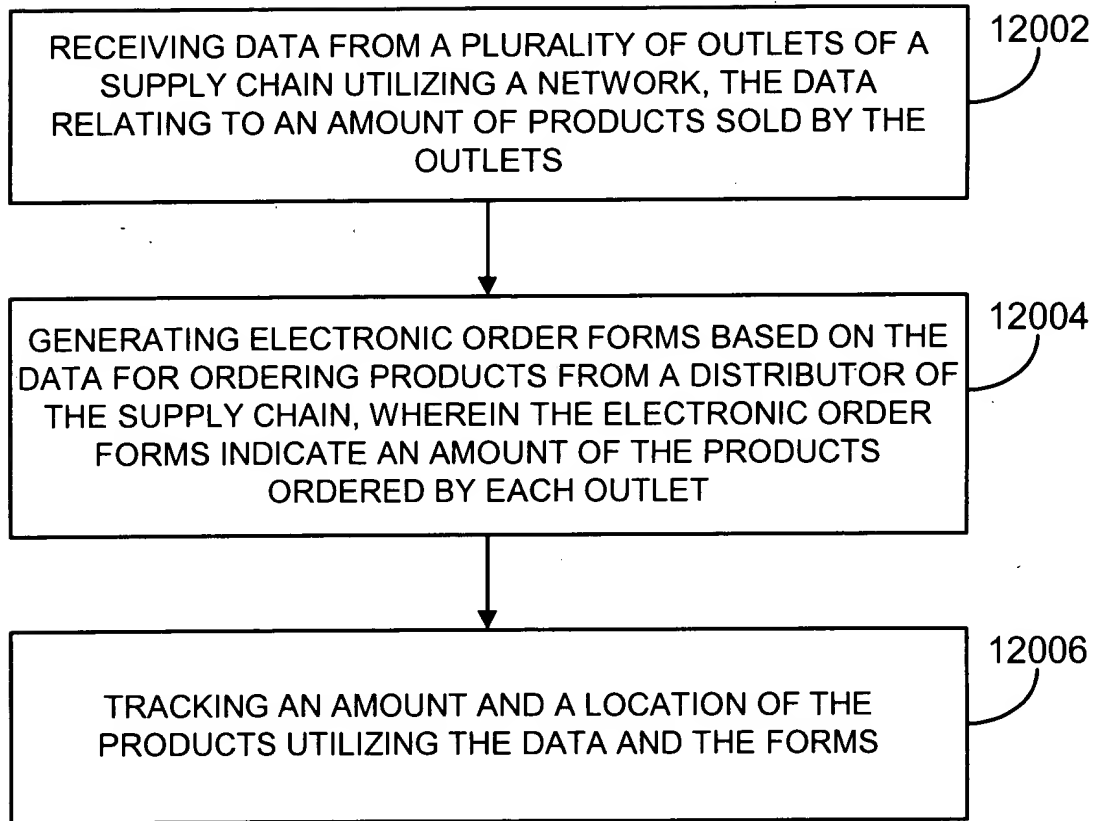


11900



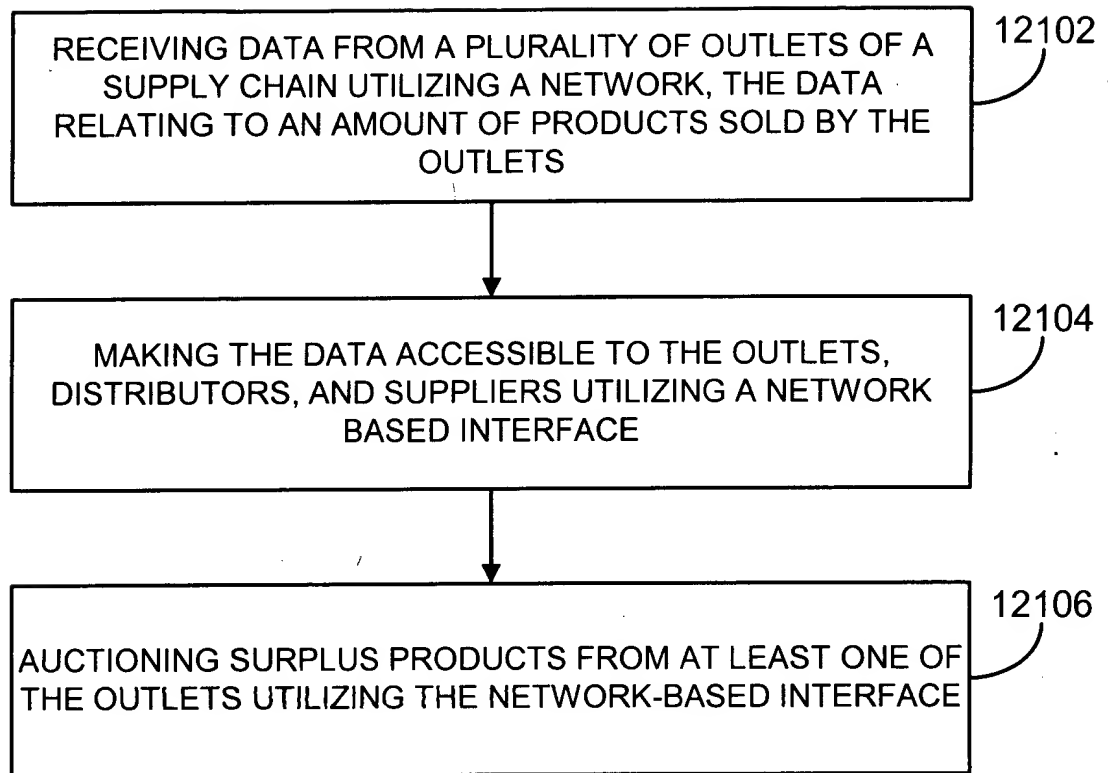
**FIG. 119**

12000



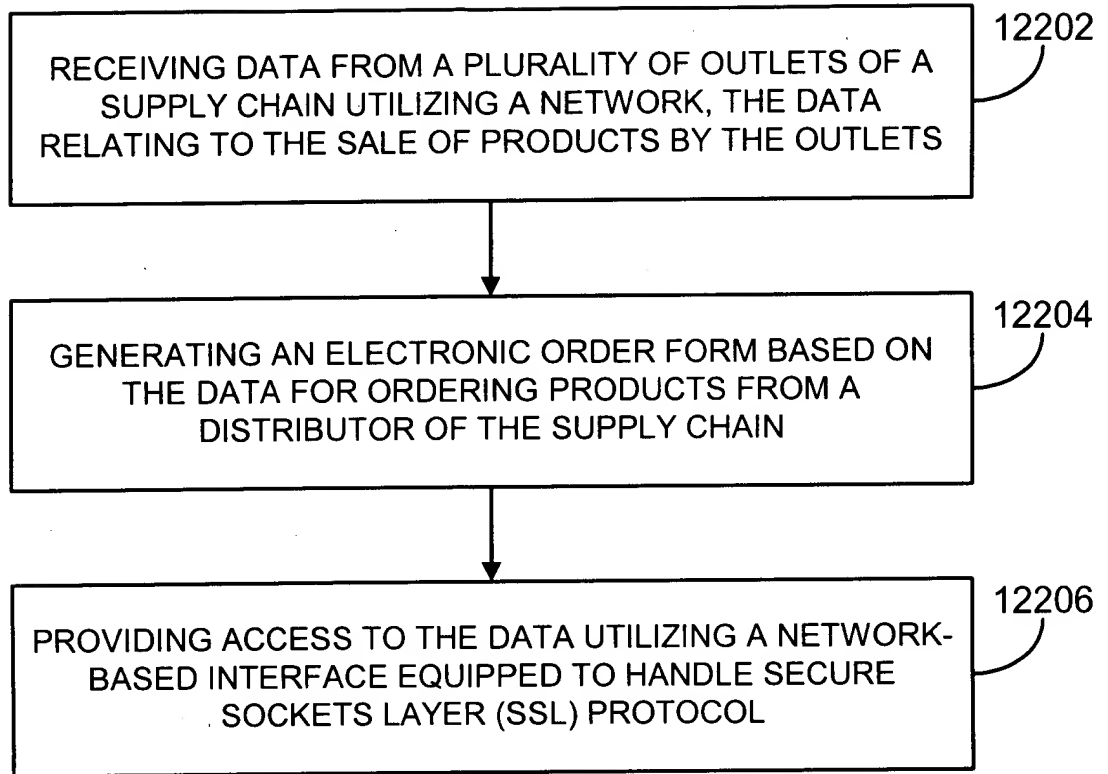
**FIG. 120**

12100



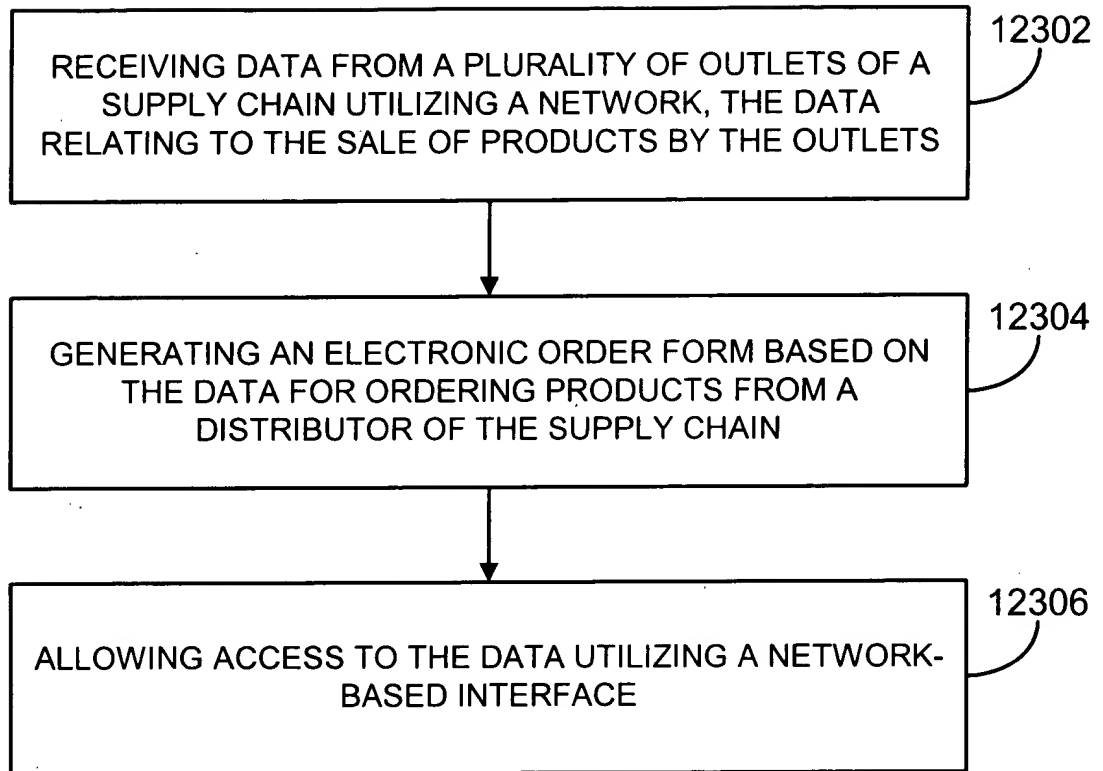
**FIG. 121**

12200



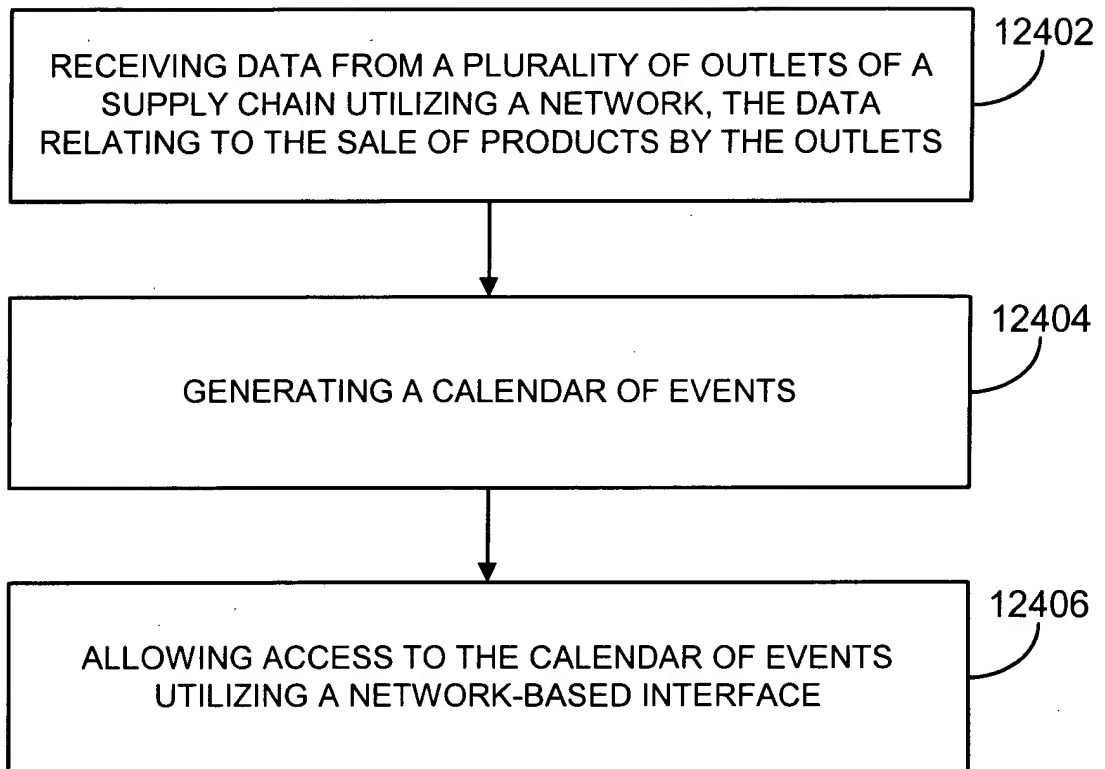
**FIG. 122**

12300



**FIG. 123**

12400



**FIG. 124**

12500

12502

A screenshot of a software interface showing a menu bar with the following items: Supply, Patronag, Sales/Inv, Utilities, and Window. The 'Supply' menu is open, displaying a list of options: Supplier..., Supplier Site..., Distributor..., and DC.... To the right of the menu, there are two buttons labeled 'Least Cost' and 'Contract'. Below the menu, there are two tabs labeled 'Item' and 'Items ...'.

FIG. 125

12600

12602

A screenshot of a toolbar containing three buttons: 'Sort', 'Print', and 'New'. The 'New' button is highlighted with a mouse cursor.

FIG. 126

12700

12702

A screenshot of a data entry form. It contains the following fields and controls:

- Item Desc:** A text input field.
- Item Number:** A text input field.
- Product Cat Code:** A dropdown menu.
- Status Code:** A dropdown menu with 'Active' selected.
- Item Rank:** A dropdown menu.

FIG. 127

12800

12800



Landed Cost by Distribution Center

Item	Inv FOB	Freight	Landed	Routing
Bag - Medium	4.85	0.23	5.08	TL
Bag - Large	6.7	0.23	6.93	TL
Biscuits - Frozen	12.33	1.15	13.48	TL
Brush - Pot, Long Handle	40.2	2.02	42.22	TL
Brush - Pot, Short Handle	24	1.39	25.39	TL
Carton - Breakfast	16.59	1.1	17.69	RDC
Carton - Large Fry	29.91	0.81	30.72	RDC
Carton - Medium Fry	18.92	0.73	19.65	TLMIN

FIG. 128



12900



FIG. 129

13000

Supplier Item Desc:		Item No:	
Current:	<input checked="" type="radio"/> Yes <input type="radio"/> No	Tie Qty:	
Items per Case:	5000	High Qty:	
Innerpack Contents:	5/1000	Cases Per Pallet:	
Item Size:		Stacking Allowed:	
Case Length:		Universal Product Code:	
Case Width:		Cases Per Truckload:	1350
Case Depth:		Net Weight:	39.00
Case Dimension U/M:	INCH(S)	Gross Weight:	39.00
Item Cube:	0.95 CUBIC FEET	Weight U/M:	POUND(S)
Item Shelf Life:		BarCode:	

White Boxes Are Copied Across Suppliers / Grey Boxes Are Only Copied Within Same Supplier

FIG. 130

13100

<b>Site Information</b>	<b>Site Id:</b> 17355	<b>Site Role:</b> FOB Shipping Point
<b>Site Name:</b>	TYSON FOODS - NEW HOLLAND, PA	

13102

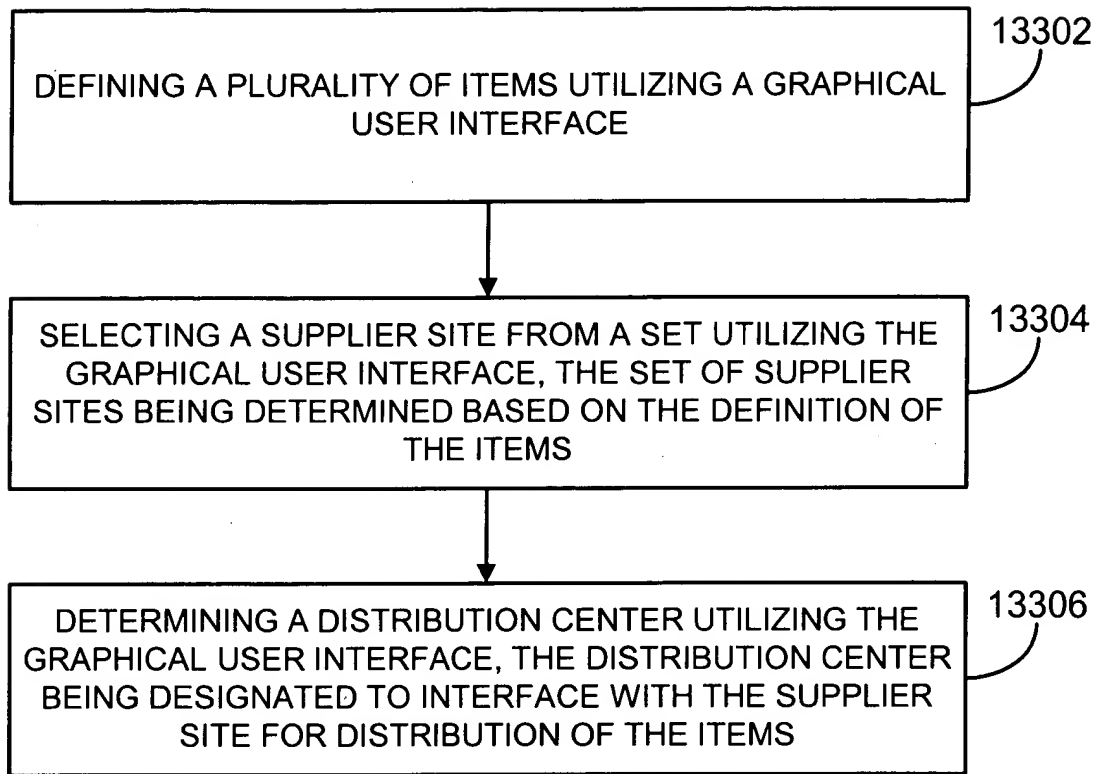
FIG. 131

13200

<b>Site Information</b>	<b>Site Id:</b> 16	<b>FOB Shipping Point</b>
<b>Name:</b>	AMERISERVE-FARMINGDALE, NY	<b>Railroad Name:</b>
<b>Status:</b>	Active <input checked="" type="checkbox"/>	<b>Rail Sidings:</b> <input type="checkbox"/>

FIG. 132

13300



**FIG. 133**

13400

Item:	WRAP-BACON DOUBLE CHEESEBURGER DELUXE	Begin:	7/1/96	End:	9/1/96	Final:	<input type="checkbox"/>
Override Rules:		<input type="radio"/> Yes <input checked="" type="radio"/> No		Apply By:		Cell <input type="text"/>	

FIG. 134

13500

DC	Supplier FOB Point
AMERISERVE-DENVER, CO	TYSON FOODS - GREEN FOREST, AR
AMERISERVE-DOUGLASVILLE, GA	TYSON FOODS - ALBERTVILLE, AL
AMERISERVE-FARMINGDALE, NY	TYSON FOODS - NEW HOLLAND, PA

FIG. 135

13600

Con FOB	Inv FOB	Freight	Landed
34.3200	34.3900	0.8400	35.2300
34.3200	34.3900	0.2900	34.6800

FIG. 136

13700

Contr	LB	Trk	Routing
96	83,600	2.0	TL
96	215,040	5.1	TL

FIG. 137

13800



FIG. 138

13900

Min Ordr	UM	Slip	Deliv.
1	TRUCKLOAD(S	Pallet	
1	TRUCKLOAD(S	Pallet	

FIG. 139

14000

Carrier	Stated Vol
Truck	83,600
Truck	215,040

FIG. 140

14200



FIG. 142

14100

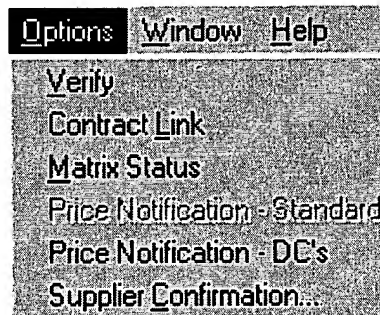


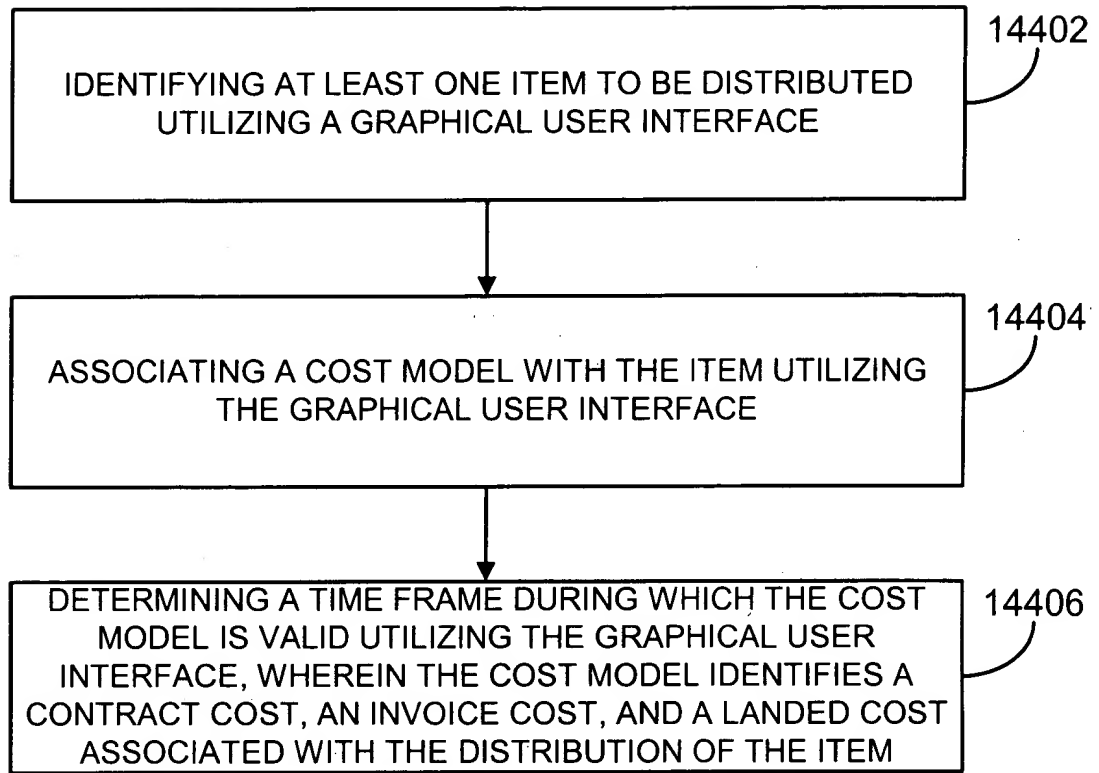
FIG. 141

14300

<u>C</u> ost	▶	Edit / View ...	F3
Commodities	▶	New (using previous matrix) ...	F4
Vendor Rating	▶	New (build matrix) ...	F5
Contact Management	▶	Multi Item Price Notification ...	

FIG. 143

14400



**FIG. 144**

14500



FIG. 145

14600

Contract ID:	673 - TYSON FOODS		
Initial Buyer Name:	Jamie Hersh	Current Buyer Name:	Chris Steinton

FIG. 146

14700

Contract Start Date:	05/15/98
Contract End Date:	12/31/02
Execution Date:	5/15/98
Effective:	Shipment Date
Payment Terms:	Net 10

FIG. 147

14800

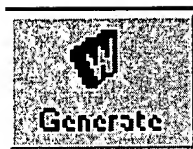


FIG. 148

14900



FIG. 149

15000

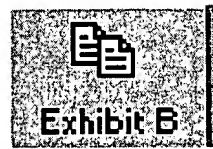


FIG. 150

15100

Select the End Dates to Use on the Exhibit

Item Description	Cost Matrix End Date	Contract End Date	No End Date
BEEF - 77%	<input type="radio"/> 8/1/98	<input checked="" type="radio"/> 2/24/08	<input type="radio"/> No Date
BEEF WHOPPER 4.0 OZ	<input type="radio"/> 8/1/98	<input checked="" type="radio"/> 2/24/08	<input type="radio"/> No Date
BEEF WHOPPER JR 2.8 OZ	<input type="radio"/> 8/1/98	<input checked="" type="radio"/> 2/24/08	<input type="radio"/> No Date

FIG. 151

15200

Options Window Help

- New Items...
- Delete Item...
- Exhibit A
- Exhibits B
- Exhibits C
- Replacement Exhibit B

FIG. 152

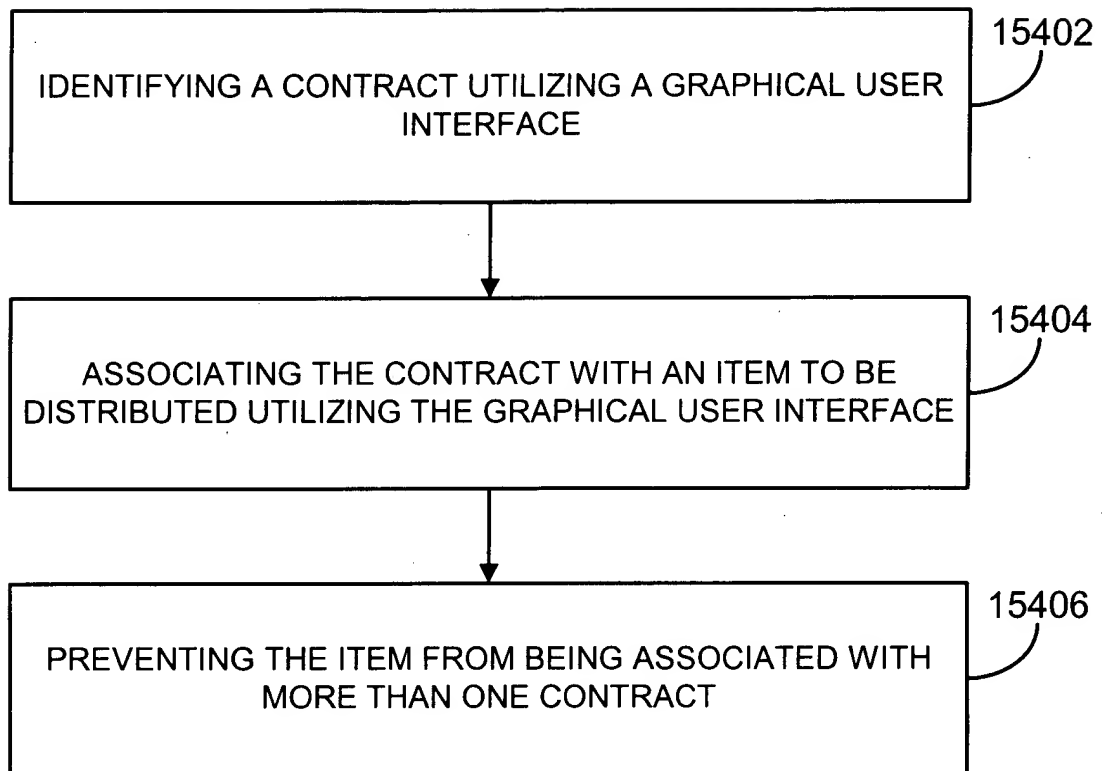
15300



FIG. 153



15400



**FIG. 154**

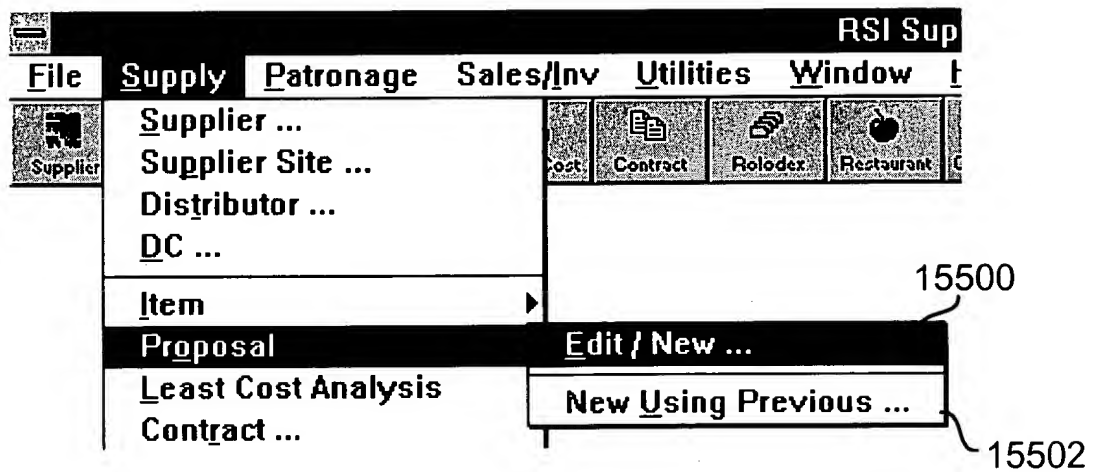


FIG. 155

15600

**Proposal - Foam Hot Cups & Polystyrene Lids**

<b>Main Info</b>	Items	Suppliers	DCs	FDB Price	DC/Rest	Usage	Templates	View Bid
------------------	-------	-----------	-----	-----------	---------	-------	-----------	----------

**Proposal Information:**

<b>Proposal ID:</b>	1021	<b>Proposal Due Date:</b>	06/12/97
<b>Proposal Name:</b>	Foam Hot Cups & Polystyrene Lids	<b>Contract Begin Date:</b>	07/01/97
<b>Buyer Name:</b>	Dennis Clabby	<b>Contract End Date:</b>	06/30/98

**Actions**

#	Date	Action Description
1	05/28/97	Sent this bid to Dart and also sent a request for information to WinCup.

**FIG. 156**

-  **New Action**
-  **Delete Act.**
-  **Print Act.**

1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353
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15800

Proposal - Foam Hot Cups & Polystyrene Lids

Main Info Items Suppliers DCs FOB Price DC/Rest Usage Templates View Bid

Search Query Reset

Query Values

Item Description

CUP-HOT

Item Description

LID-HOT 12/16 OZ (DRY)

LID-HOT 8 OZ (DRY)

2 Rows Selected

**FIG. 158**

FIG. 159

15800

Proposal - Foam Hot Cups & Polystyrene Lids

Main Info Items Suppliers DCs FOB Price DC/Rest Usage Templates Recreate Bid

Search Query Reset

6 Rows Found 5 Rows Selected

Item Description	
CUP-HOT 12 OZ (PAPER)	DRY
CUP-HOT 16 OZ (PAPER)	DRY
CUP-HOT 8 OZ (PAPER)	DRY

15902

15904

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15906

15908

Item Description
CUP-HOT 12 OZ (DRY)
CUP-HOT 16 OZ (500 CT) (DRY)
CUP-HOT 8 OZ (DRY)
LID-HOT 12/16 OZ (DRY)
LID-HOT 8 OZ (DRY)

FIG. 159

16000

Main Info Items Suppliers DCs FOB Price DC/Rest Usage Templates Recreate Bid

Select The Appropriate FOB Price Component Worksheet For Each Item

Item Description	FOB Price Component
MAYO-BULK	Mayonaise Components
	(None Selected)
	Generic FOB Pricing
	Mayonaise Components

FIG. 160

16100

Item	Growth %	Gross Wgt.	Item Cube	Contract Period
CHICKEN-BK BROILER	5.00%	32	1.26	09/01/97 to 12/31/97
CHICKEN-PATTY	7.00%	37.00	1.09	
CHICKEN-TENDERS	0.00%	25.00	1.06	

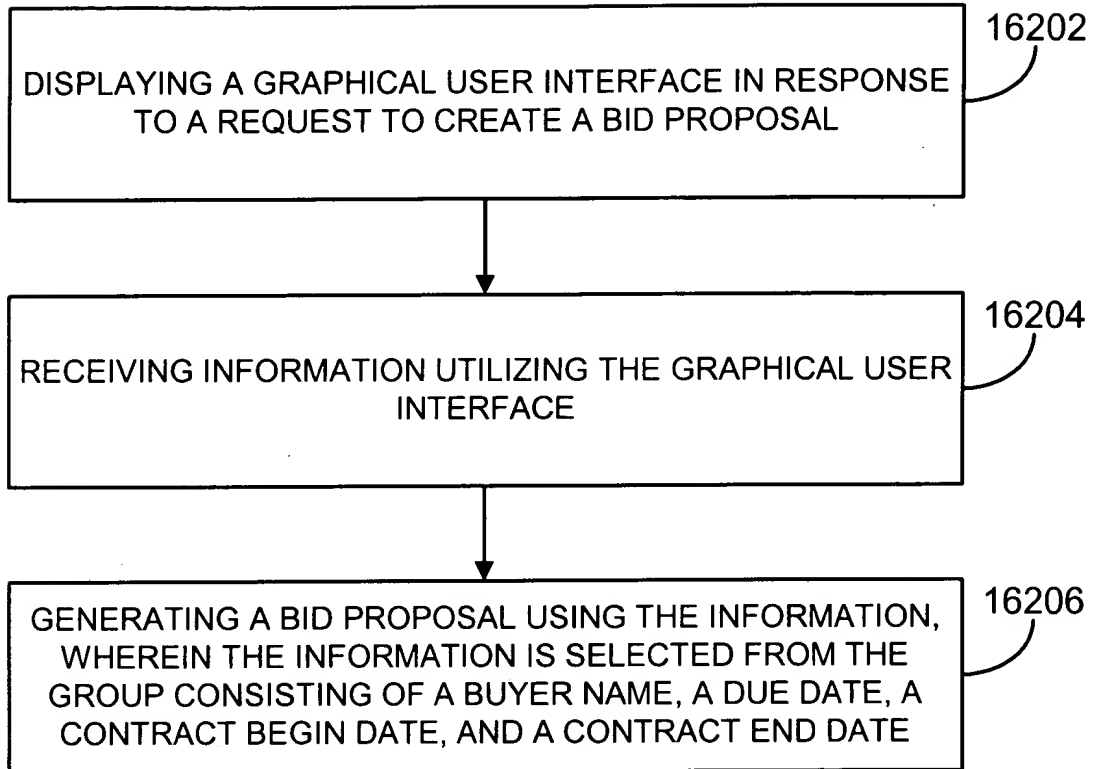
Distribution Center	Previous Case Usage	Projected Rest. Count	Covg. Factor	Avg. # RM	DC/Item Growth	Projected Unit Usage
POST-ALBUQUERQ	576	30	99.34%	6.03	5.00%	755
POST-DENVER	833	39	99.05%	6.68	5.00%	1,083
POST-SALT LAKE	116	2	80.00%	5.46	5.00%	37

FIG. 161

FIG. 161 is a table showing data for three distribution centers: POST-ALBUQUERQ, POST-DENVER, and POST-SALT LAKE. The table includes columns for Previous Case Usage, Projected Rest. Count, Covg. Factor, Avg. # RM, DC/Item Growth, and Projected Unit Usage. The data is as follows:

Distribution Center	Previous Case Usage	Projected Rest. Count	Covg. Factor	Avg. # RM	DC/Item Growth	Projected Unit Usage
POST-ALBUQUERQ	576	30	99.34%	6.03	5.00%	755
POST-DENVER	833	39	99.05%	6.68	5.00%	1,083
POST-SALT LAKE	116	2	80.00%	5.46	5.00%	37

16200



**FIG. 162**

16300



FIG. 163

16400

	<i>Supply</i>	<i>MS</i>	<i>Editable</i>
		<i>Word</i>	<i>Y/N</i>
<b>Bid Proposal Cover Letter</b>	?		<b>Y</b>
<b>General Terms and Conditions</b>	?		<b>N</b>
<b>Usage Estimates</b>	?		<b>N</b>
<b>Supplier Facility Worksheets</b>	?		<b>N</b>
<b>Item Information Worksheets</b>	?		<b>N</b>
<b>Sample Supply Agreement</b>	?		<b>N</b>
<b>BK Specification Request</b>	?		<b>N</b>
<b>FOB Price Component</b>	?		<b>N</b>
<b>Truckload Freight Worksheet</b>	?		<b>N</b>
<b>ETL Freight Worksheet</b>	?		<b>N</b>

FIG. 164



16500

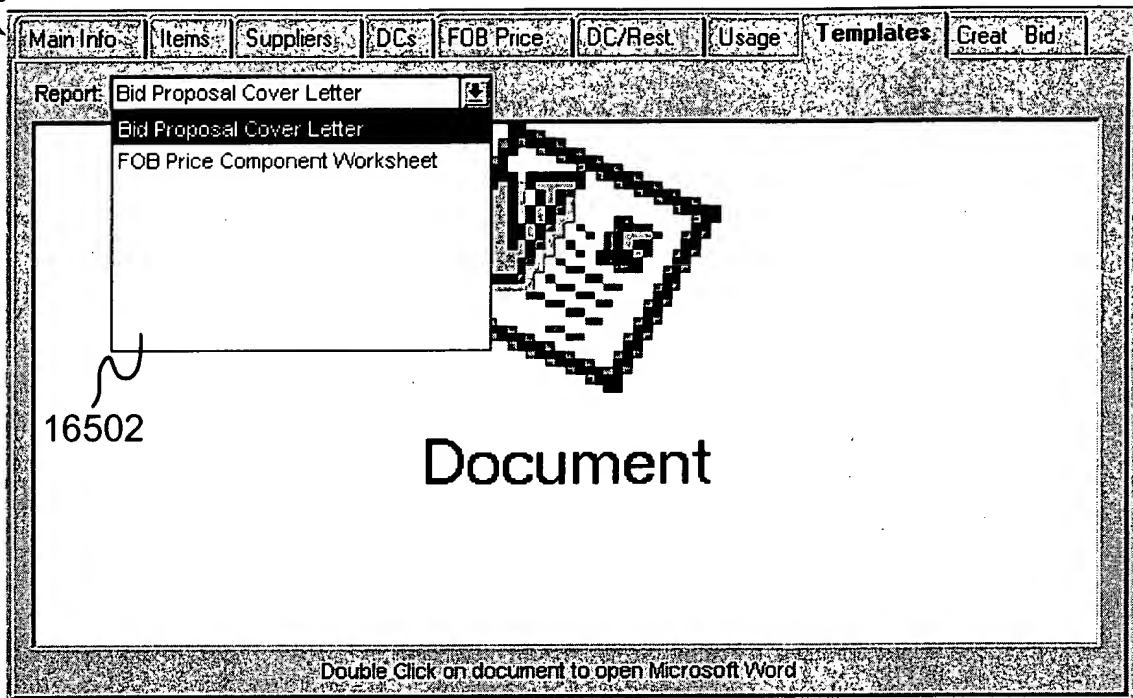


FIG. 165

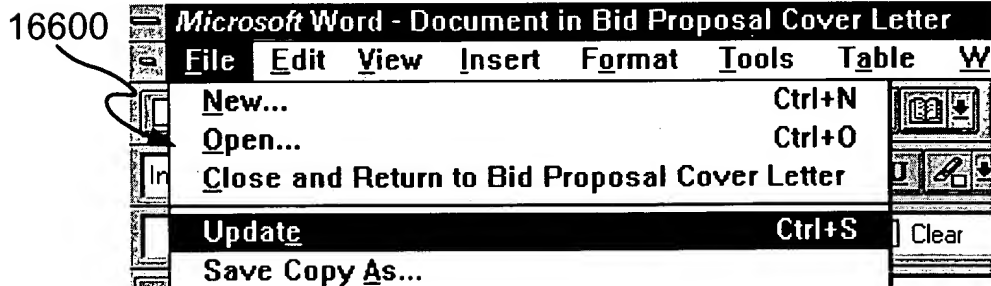


FIG. 166

16700

Main Info | Items | Suppliers | DCs | FOB Price | DC/Rest | Usage | Templates | Cr at Bid

Bid Proposal Sent ☐

Bid Proposal Will Include Checked Documents

General	Cost
Bid Proposal Cover Letter <input checked="" type="checkbox"/>	FOB Price Component Worksheet <input checked="" type="checkbox"/>
General Terms & Conditions <input checked="" type="checkbox"/>	Truckload Freight Worksheet <input checked="" type="checkbox"/>
Usage Estimates <input checked="" type="checkbox"/>	LTL Freight Worksheet <input checked="" type="checkbox"/>
Supplier Facility Worksheet <input checked="" type="checkbox"/>	
Item Information Worksheet <input checked="" type="checkbox"/>	
Sample Supply Agreement <input checked="" type="checkbox"/>	
BK Specification Request <input checked="" type="checkbox"/>	

\* LTL Freight Worksheet will be printed by system if necessary

FIG. 167

16800

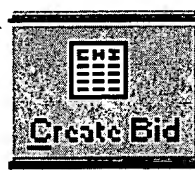


FIG. 168

16900

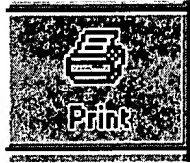
Report: 7/2/97

Report	Supplier
Item Information Worksheet	(all)
Bid Proposal Cover Letter	
FOB Price Component Worksheet	
General Terms & Conditions	
Item Information Worksheet	
LTL Freight Worksheet	
Sample Supply Agreement	
Supplier Facility Worksheet	

**Restaurant Services, Inc.**  
**Item Information Worksheet**  
 ATTY  
 DS

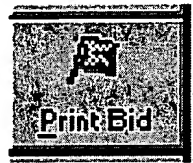
FIG. 169

17000



**FIG. 170**

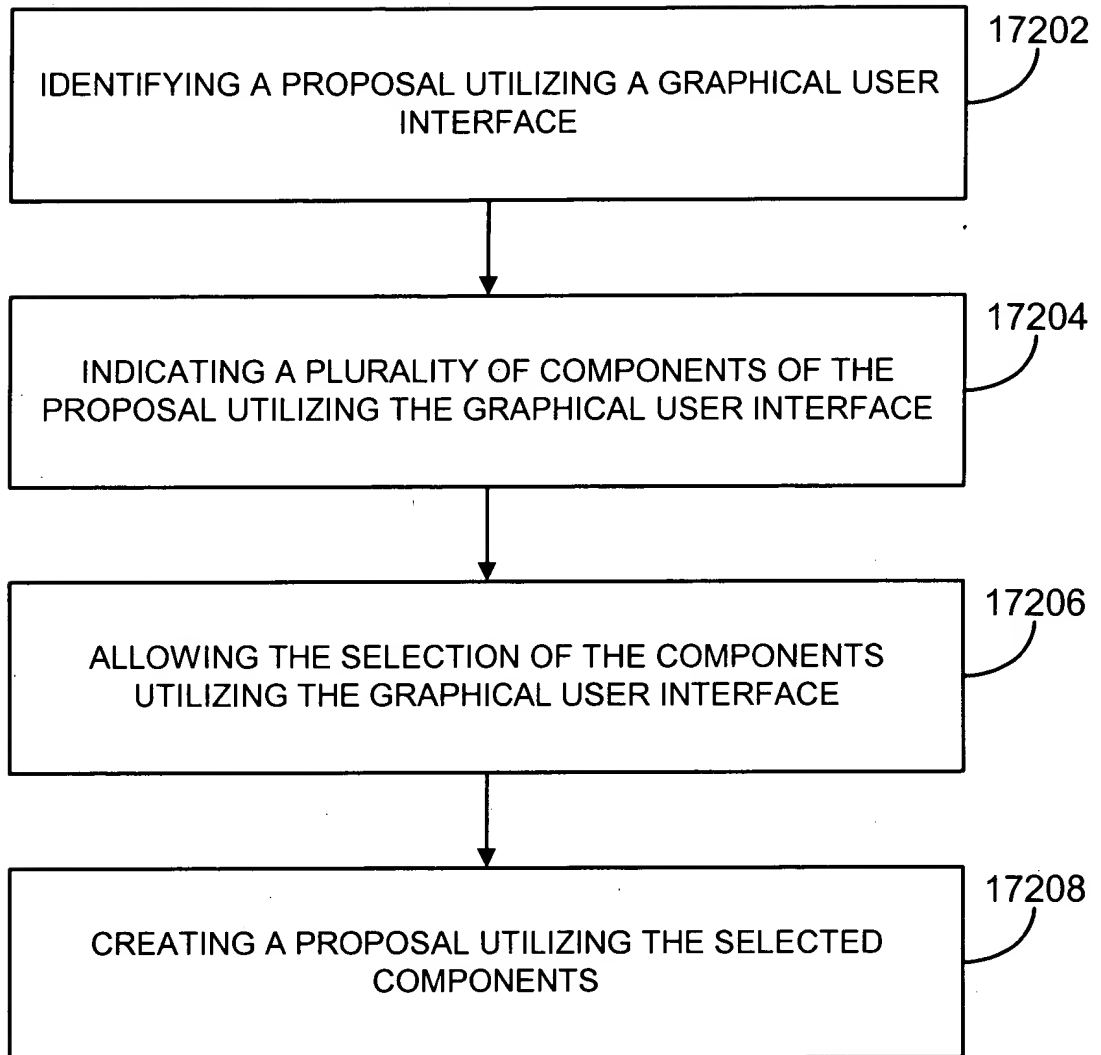
17100



**FIG. 171**

FIG. 170

17200



**FIG. 172**

17300

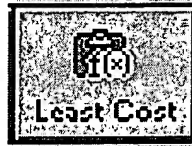


FIG. 173

17400

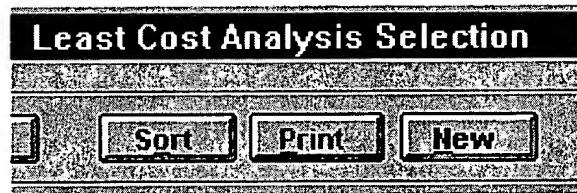


FIG. 174

17500

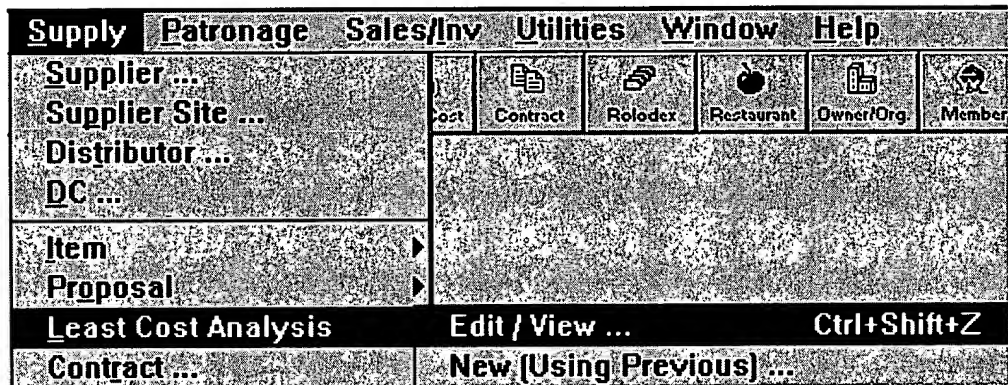


FIG. 175

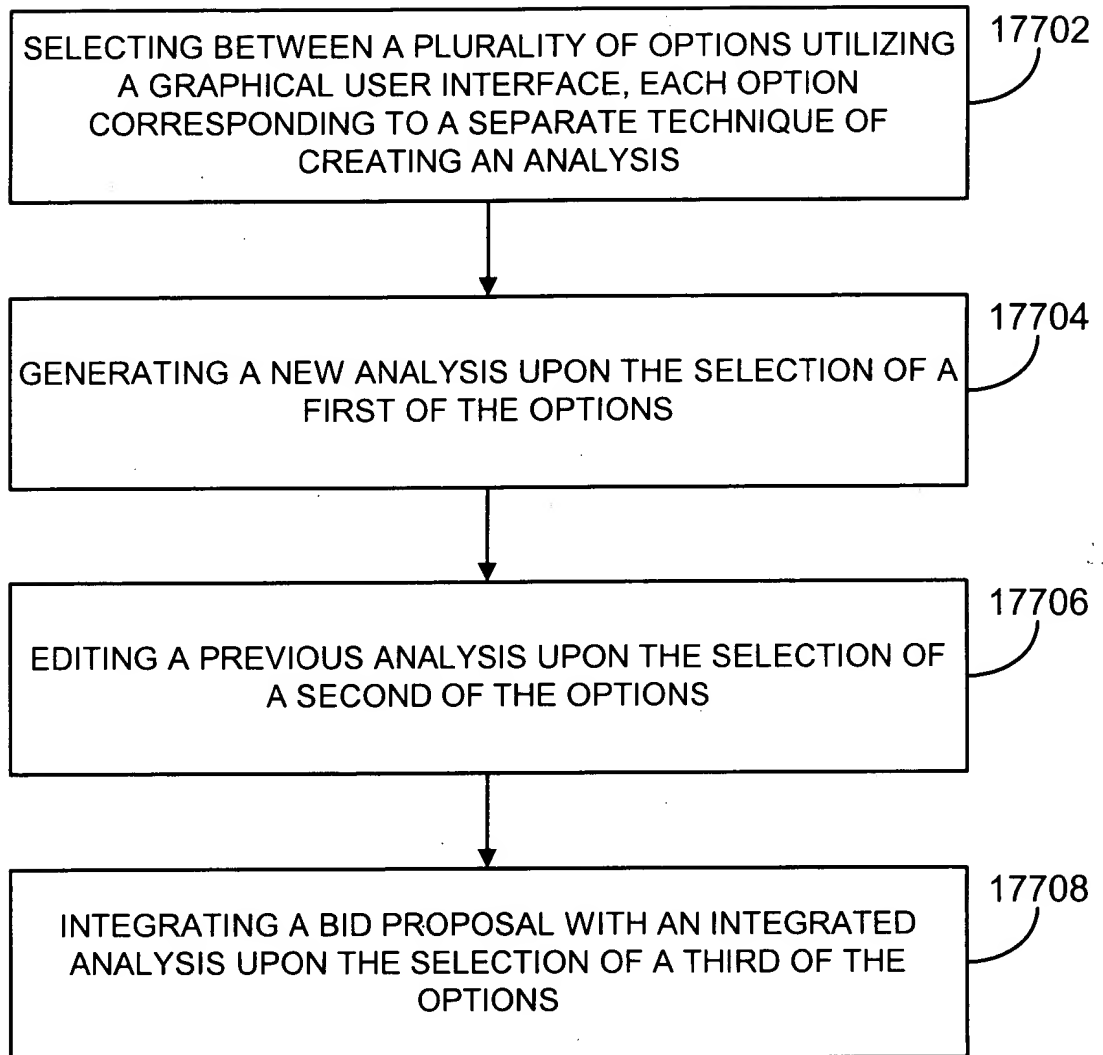
FIG. 173

<b>Bid Proposal Name:</b>	(None)
	Foam Hot Cups & Polystyrene Lids (07/01/97 to 06/30/98)
	Ham, Sausage, Bacon Freight Bid (10/01/97 to 12/31/97)

17600

FIG. 176

17700



**FIG. 177**

FIG. 178

17800

Analysis Name:	Hash Brown Actual		
Analysis ID:	1036		
Buyer:	Dennis Clabby		
Period of Agreement:	10/1/97	THRU	9/30/98
Unit Of Measure:	CASE(S)		

FIG. 178

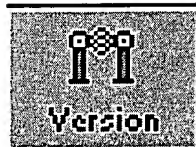
17900

Version (1) of (9)		Base version
What is the max # of FOB points to allocate to each DC ?	One FOB	
What is pricing method for this version ?	FOB + Freight	
What is the RSI Invoice FOB Upcharge (Downcharge) ?	0.0000	
Override RDC Truckload Validation ?	No	
Solution Strategy:	Standard	Last Revision: 9/15/97 1:04 PM

FIG. 179

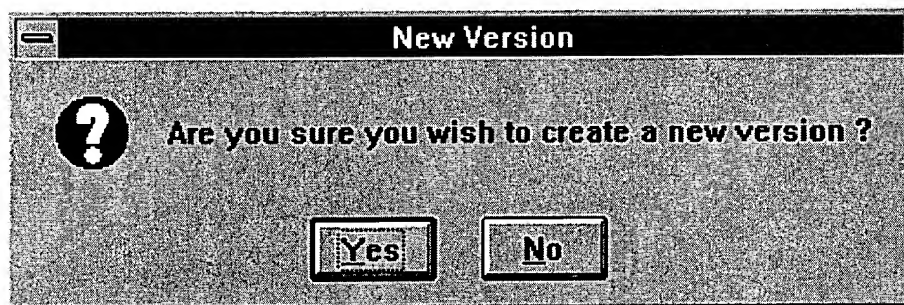


18000



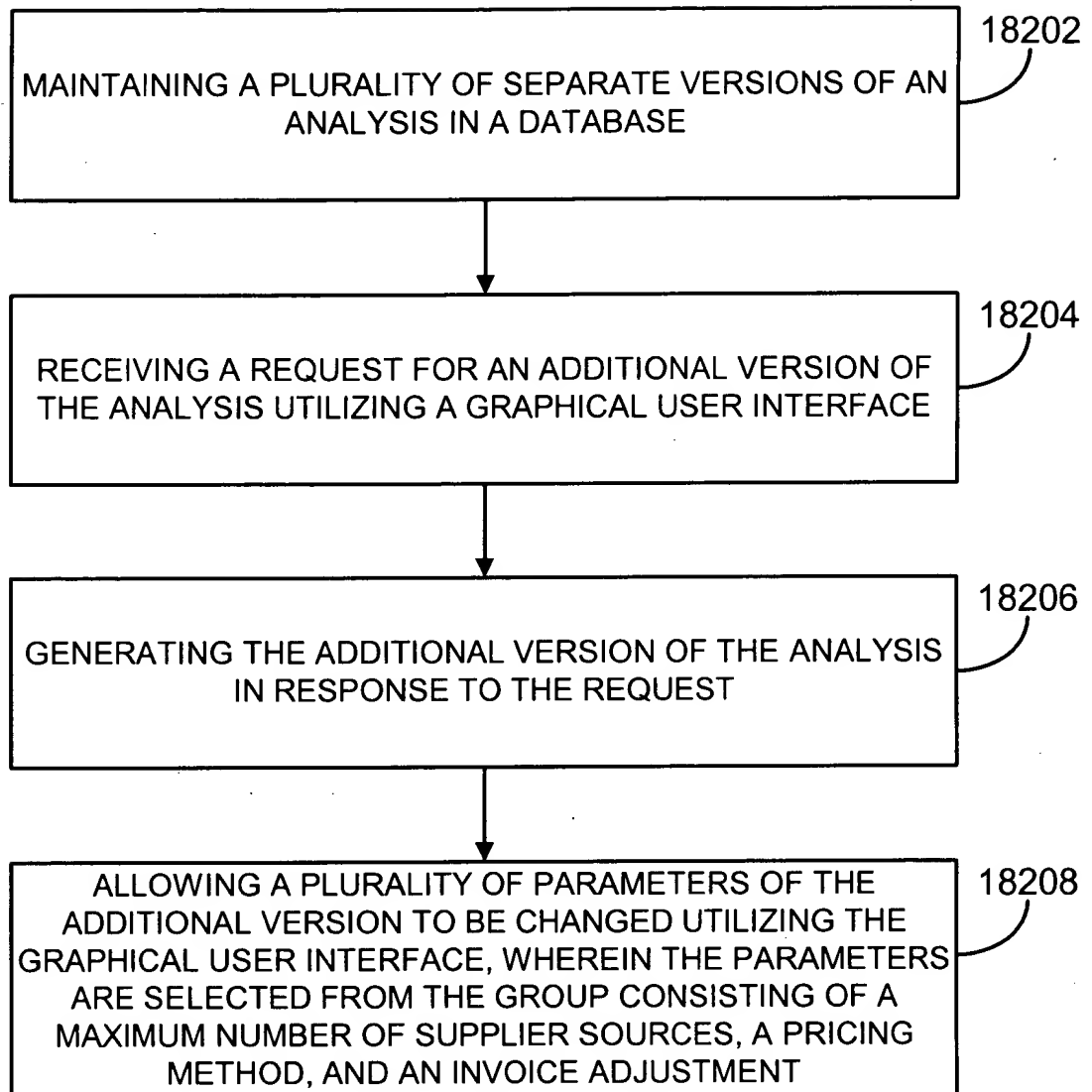
**FIG. 180**

18100



**FIG. 181**

18200



**FIG. 182**

18300

Search Query Reset

Query Values 7 Rows Selected

Supplier FOB
DOP

>

>>

Supplier FOB
DOPACO-DOWNTOWN, PA
DOPACO-KINSTON, NC
DOPACO-ST. CHARLES, IL
DOPACO-STOCKTON, CA
IMPERIAL BONDWARE-SHELBYVILLE, IL

18302

FIG. 183

18400

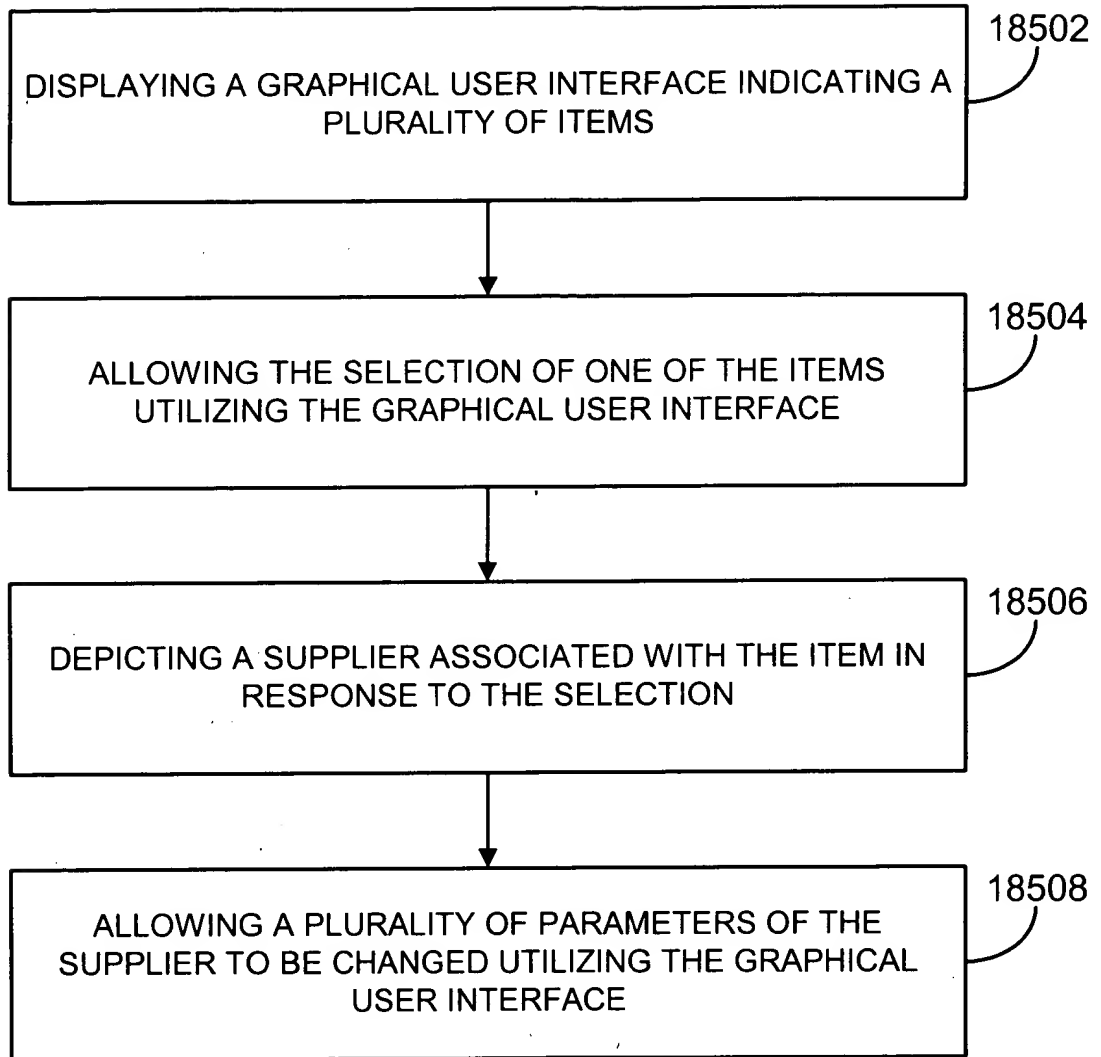
Item Description	Conv. Factor
FRIES-COATED (FRZN)	36

18402

FIG. 184

FIG. 184

18500



**FIG. 185**

18600

Item Description	Supplier FOB
CUP-COLD 16 OZ	DOPACO-DOWNINGTOWN, PA
CUP-COLD 22 OZ	DOPACO-DOWNINGTOWN, PA
CUP-COLD 32 OZ	DOPACO-DOWNINGTOWN, PA

Supplier Item Desc:	16 OZ COLD CUP	Item No:	CP2942
Items per Case:		Tie Qty:	5
Innerpack Contents:	1200	High Qty:	5
Item Size:		Cases Per Pallet:	25
Item Shelf Life:		Stacking Allowed:	<input checked="" type="radio"/> Yes <input type="radio"/> No
Case Length:	22.125	Mandatory Case Cube:	3.43 CUBIC FEET
Case Width:	15.125	Cases Per Truckload:	769
Case Depth:	17.75	Gross Weight:	29.28 POUND(S)
Case U/M	INCH(S)	Net Weight:	27.28 POUND(S)

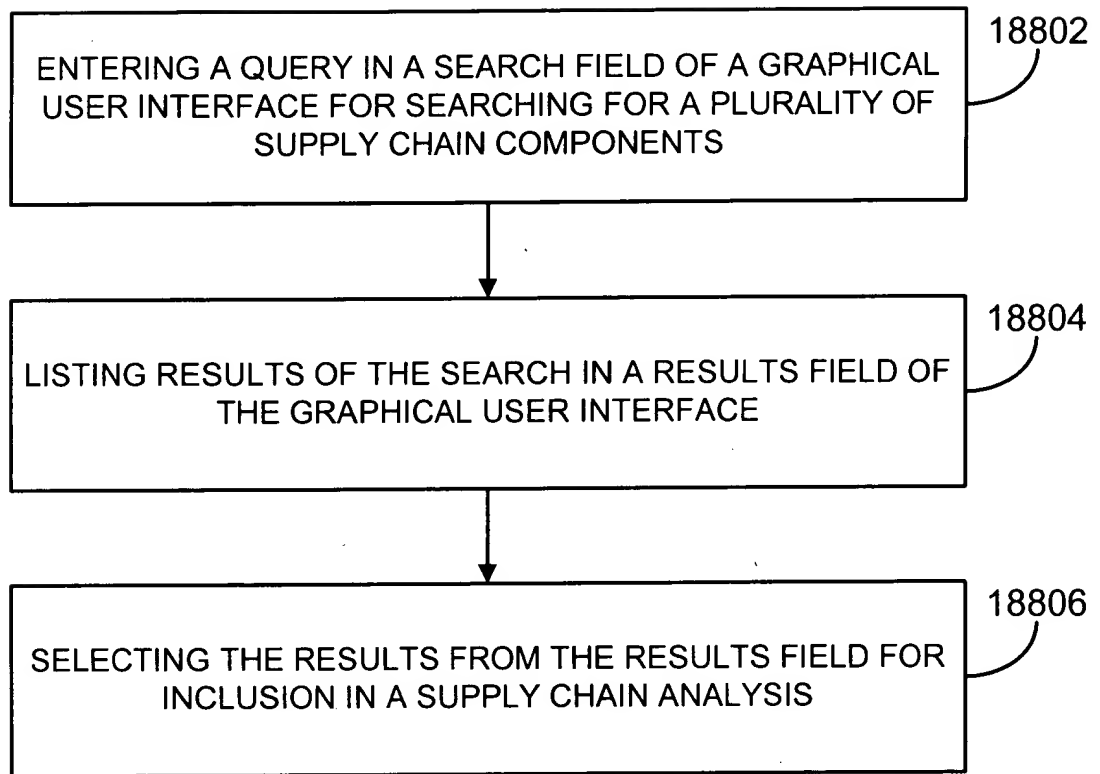
FIG. 186

18700



FIG. 187

18800



**FIG. 188**

FIG. 190

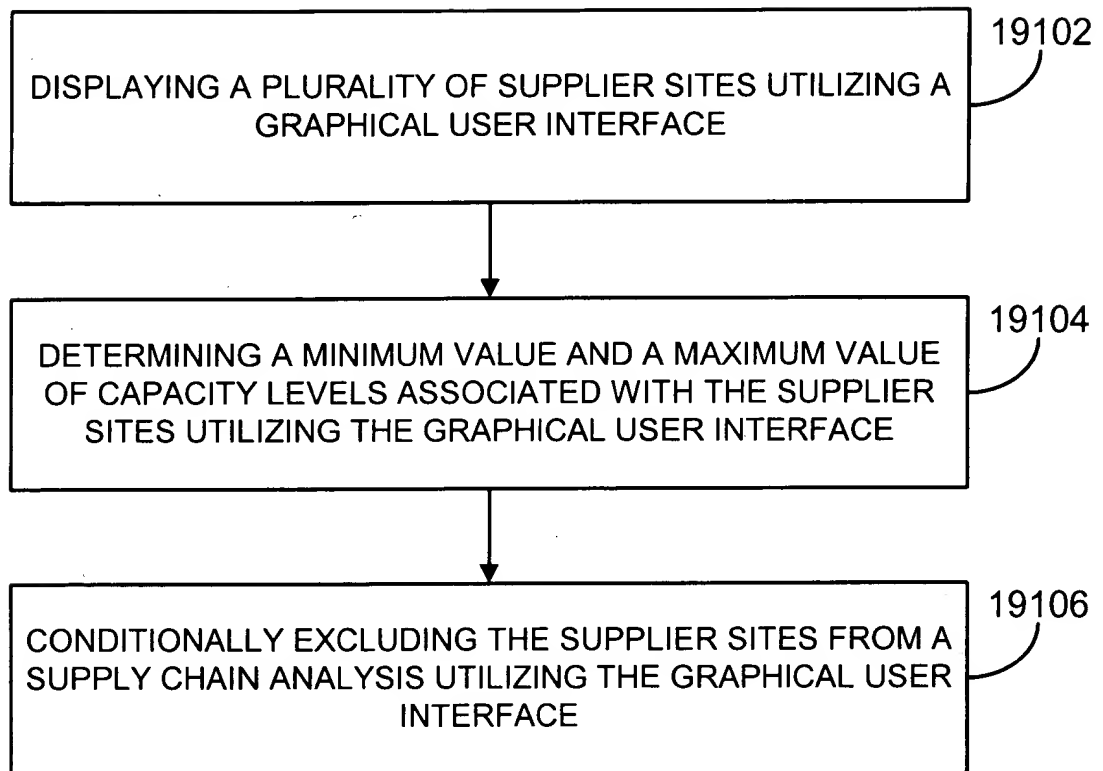
Supplier	Terms	SLP/PLT	Minimum	Maximum	Include
MCCAIN FOODS		Pallet			<input type="radio"/> Yes <input type="radio"/> No
NESTLE FOOD COMPANY		Pallet			<input checked="" type="radio"/> Yes <input type="radio"/> No
ORE-IDA FOODS		Pallet	225,000,000		<input checked="" type="radio"/> Yes <input type="radio"/> No

Supplier FOB	Minimum	Maximum	Include
MCCAIN FOODS, LTD. - PRINCE EDWARD ISLAND	18,000,000	30,000,000	<input type="radio"/> Yes <input checked="" type="radio"/> No
MCCAIN FOODS LTD. - PORTAGE LE PRAIRIE	45,000,000	50,000,000	<input type="radio"/> Yes <input checked="" type="radio"/> No
MCCAIN FOODS, INC. - OTHELLO, WA	27,000,000	132,000,000	<input checked="" type="radio"/> Yes <input type="radio"/> No



19100



**FIG. 191**

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

19200

Supplier	#	Volume	
HUDSON INDUSTRIES	0		
INTERNATIONAL DIVERSE FOODS	0		
SUPERIOR COFFEE & FOODS	0		

Supplier FOB	Item	Cont FOB	#	Volume
HUDSON INDUSTRIES TROY AL	MAYO-BULK	8.4200	0	
HUDSON INDUSTRIES TROY AL	SAUCE-BULK-TARTAR	9.2300	0	

FIG. 192

19300

Supplier	#	Volume
SSI FOOD SERVICES	0	
TEXAS AMERICAN FOOD SERVICE	0	
WHITEFORD FOODS	0	

Supplier FOB	Item	Cont FOB	#	Volume
TEXAS AMERICAN FOOD SERVICE-TX	BEEF -77%	1.0026	0	
TEXAS AMERICAN FOOD SERVICE-TX	BEEF -77%	1.0016	1	2,090,000
TEXAS AMERICAN FOOD SERVICE-TX	BEEF -77%	1.0010	2	2,508,000

FIG. 193

19400

Supplier	#	Volume
VENTURA FOODS	0	
VENTURA FOODS	1	100,000

Supplier FOB	Item	Cont FOB	#	Volume
VENTURA FOODS-CHAMBERSBURG, PA	MAYO-BULK	8.9400	0	
VENTURA FOODS-CHAMBERSBURG, PA	MAYO-BULK	8.8400	1	
VENTURA FOODS-CHAMBERSBURG, PA	SAUCE-BULK-TARTAR	9.5100	0	
VENTURA FOODS-CHAMBERSBURG, PA	SAUCE-BULK-TARTAR	9.4100	1	
VENTURA FOODS-CITY OF INDUSTRY	MAYO-BULK	9.1200	0	
VENTURA FOODS-CITY OF INDUSTRY	MAYO-BULK	9.0200	1	
VENTURA FOODS-CITY OF INDUSTRY	SAUCE-BULK-TARTAR	9.5800	0	
VENTURA FOODS-CITY OF INDUSTRY	SAUCE-BULK-TARTAR	9.4800	1	

FIG. 194

00445457860

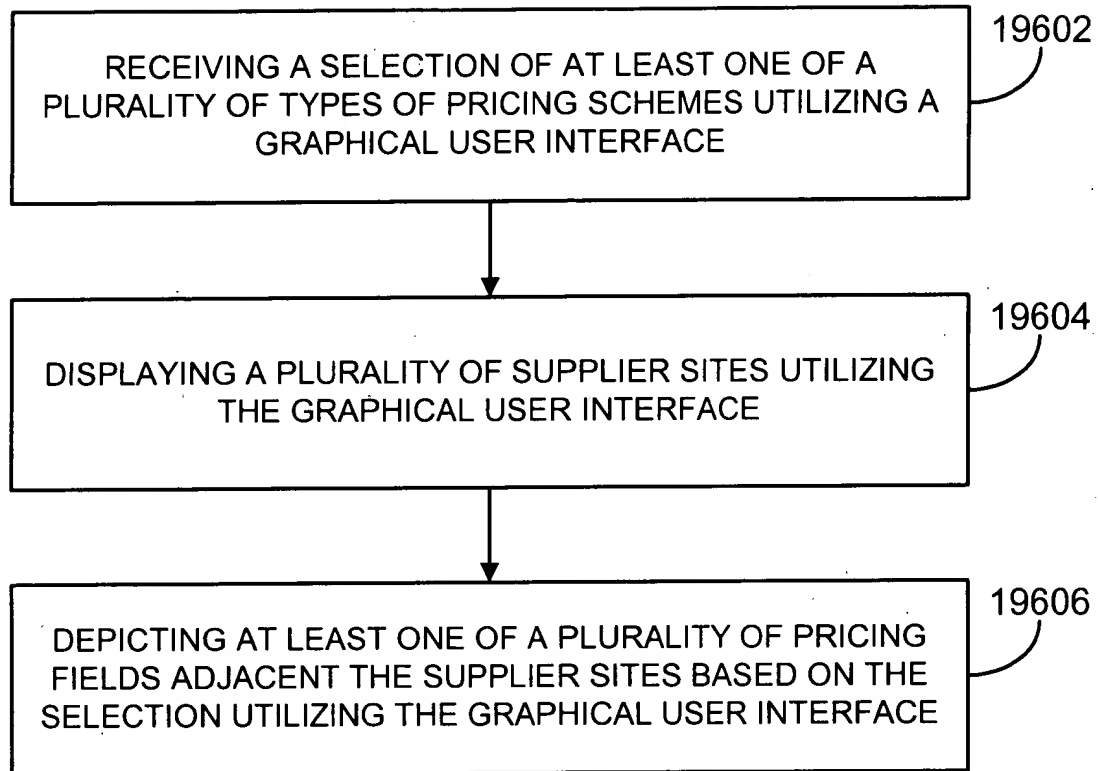
19500

Item Description		Supplier FOB	
FRIES-COATED		CAVENDISH-PRINCE EDWARD	
FRIES-COATED		J.R. SIMPLOT COMPANY-HERMISTON	
FRIES-COATED		LAMB-WESTON, INC-PASCO, WA	
Distribution Center	Delivered	#	Volume
AMERISERVE-OMAHA, NE	0.3750	0	0
AMERISERVE-PLYMOUTH, MN	0.3850	0	0
AMERISERVE-WAUKESHA	0.3670	0	0
FLEMING FOODS-KAPOLEI	0.4725	0	0
KING PROVISION-ATLANTA	0.3950	0	0

FIG. 195

19500

19600



**FIG. 196**

19700

Total Rest. Growth Amount		Usage Period	
5.00% 19702		09/01/97 to 08/31/98	
Distribution Center	Current Rest. Count	Restaurant Growth %	Projected Avg. Rest. Count
AMERISERVE POST-ALBUQUERQUE	27	5.00%	28
AMERISERVE POST-DENVER	35	5.00%	37
AMERISERVE POST-SALT LAKE UT	2	5.00%	2
AMERISERVE-OMAHA, NE	166	5.00%	174

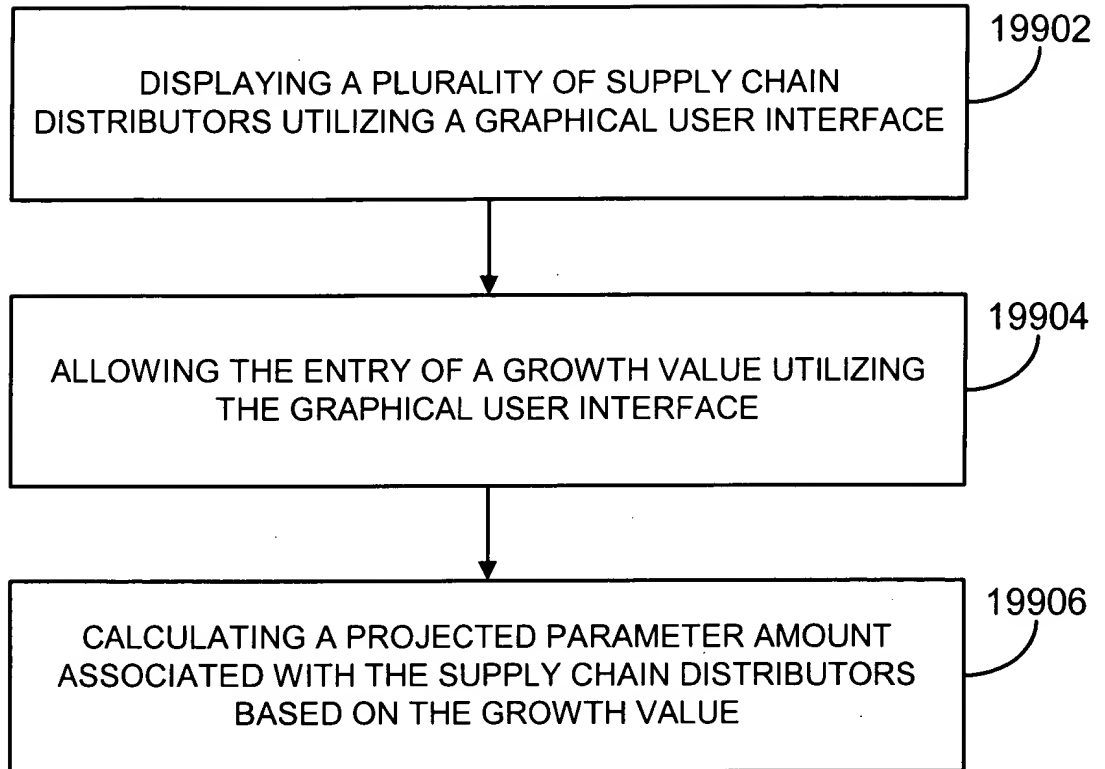
FIG. 197

19800

Item		Item Growth %	Usage Period			
CHICKEN-PATTY		.00%				
Distribution Center	Previous Usage	Projected Rest. Count	Covg. Factor	Avg. # RM	DC/Item Growth	Projected Usage
AMER-OMAMA	44,035	166	98.49%	24.12	4.00%	49,205
AMER-PLYMOUTH	37,141	177	100.00%	18.30	5.00%	40,823
AMER-MILWAUK	38,520	188	100.00%	19.02	0.00%	42,909

FIG. 198

19900



**FIG. 199**

20000

Supplier FOB		Address	
CAVENDISH FARMS	Dieppe	NB	E1A6X4
J.R. SIMPLOT COMPANY-HERMISTON, OR	Hermiston	OR	99999
LAMB-WESTON, INC-AMERICAN FALLS, ID	American Falls	ID	83211

Distribution Center	Lane Restriction			Honor TL Rate
AMERISERVE/POST-ALBUQUERQUE	<input type="radio"/> Solver	<input type="radio"/> Required	<input checked="" type="radio"/> Excluded	<input type="checkbox"/>
AMERISERVE/POST-DENVER	<input type="radio"/> Solver	<input type="radio"/> Required	<input checked="" type="radio"/> Excluded	<input type="checkbox"/>
AMERISERVE/POST-SALT LAKE, UT	<input type="radio"/> Solver	<input type="radio"/> Required	<input checked="" type="radio"/> Excluded	<input type="checkbox"/>
AMERISERVE-OMAHA, NE	<input type="radio"/> Solver	<input type="radio"/> Required	<input checked="" type="radio"/> Excluded	<input type="checkbox"/>
AMERISERVE-PLYMOUTH, MN	<input type="radio"/> Solver	<input type="radio"/> Required	<input checked="" type="radio"/> Excluded	<input type="checkbox"/>

20002

FIG. 200

20100

Supplier FOB		Address	
CAVENDISH FARMS	Dieppe	NB	E1A6X4
J.R. SIMPLOT COMPANY-HERMISTON, OR	Hermiston	OR	99999
LAMB-WESTON, INC-AMERICAN FALLS, ID	American Falls	ID	83211

Distribution Center	Lane Restriction		
AMERISERVE/POST-ALBUQUERQUE	<input type="radio"/> Solver	<input checked="" type="radio"/> Required	<input type="radio"/> Excluded
AMERISERVE/POST-DENVER	<input checked="" type="radio"/> Solver	<input type="radio"/> Required	<input type="radio"/> Excluded

FIG. 201

20200


Invalid Selection	
	AMERISERVE/POST-ALBUQUERQUE is already required by J.R. SIMPLOT COMPANY-HERMISTON, OR.
<input type="button" value="OK"/>	

FIG. 202



20300



DISPLAYING A PLURALITY OF DISTRIBUTION CENTERS OF A  
SUPPLY CHAIN UTILIZING A GRAPHICAL USER INTERFACE

20302



DESIGNATING A LANE RESTRICTION OF EACH OF THE  
DISTRIBUTION CENTERS UTILIZING THE GRAPHICAL USER  
INTERFACE

20304



CONDITIONALLY INVOLVING THE DISTRIBUTION CENTERS  
IN A SUPPLY CHAIN ANALYSIS BASED ON THE  
DESIGNATION

20306

**FIG. 203**

20400

Supplier FOB		Address	
CAVENDISH FARMS		Dieppe	NB E1A6X4
J.R. SIMPLOT COMPANY-HERMISTON, OR		Hermiston	OR 99993
LAMB-WESTON, INC -AMERICAN FALLS, ID		American Falls	ID 83211

Distribution Center	Truckload Freight	Lane Distance
AMERISERVEPOST-ALBUQUERQUE	1,617	
AMERISERVEPOST-DENVER	1,277	
AMERISERVEPOST-SALT LAKE, UT	691	

FIG. 204

20500

Supplier FOB		Address	
O.K. FOODS-FORT SMITH, AR		Fort Smith	AR 72904
TYSON FOODS-GREEN FORREST, AR		Green Forest	AR 72638
TYSON FOODS-RUSSELVILLE, AR		Russelville	AR 72801

Distribution Center	Weight	LTL Minimum	0 to 1,000 LBS	1,001 to 5,000 LBS	5,001 to 10,000 LBS	10,001 to 20,000 LBS	20,000 LBS +
PS-ATLANTA	15,000					1.10	
PS-BURLINGTON	15,000	400.00				1.20	

FIG. 205

FIG. 204

20600



DISPLAYING A PLURALITY OF DISTRIBUTION CENTERS OF A  
SUPPLY CHAIN UTILIZING A GRAPHICAL USER INTERFACE

20602



RECEIVING A TRUCKLOAD FREIGHT VALUE IN AN INPUT  
FIELD OF THE GRAPHICAL USER INTERFACE

20604



CONVERTING THE TRUCKLOAD FREIGHT VALUE

20606



PERFORMING A SUPPLY CHAIN ANALYSIS USING THE  
CONVERTED TRUCKLOAD FREIGHT VALUE

20608

**FIG. 206**

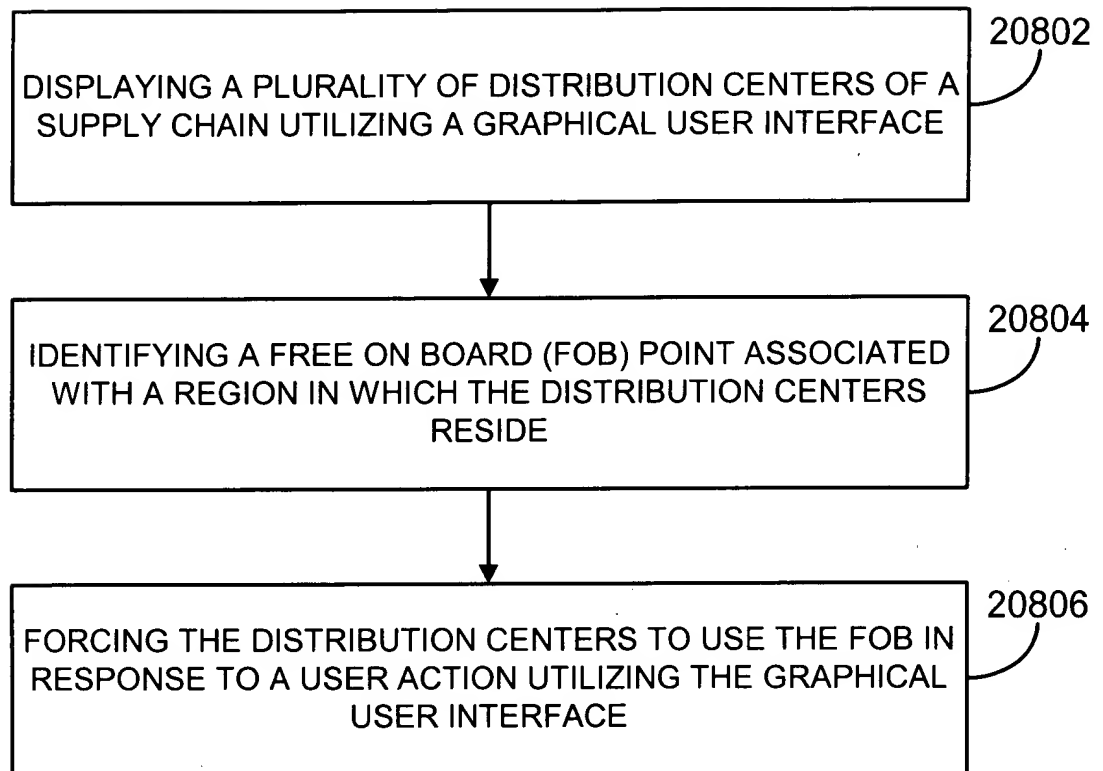
20700



Analysis Region		Force FOB	
MCCABE-PORTLAND/RMW-ANCHORAGE		<input checked="" type="radio"/> Yes	<input type="radio"/> No
Distribution Center Name		Site Role	
MCCABE QUALITY FOODS-PORTLAND		Corporate & FOB Point	
RESTAURANTS NMV-ANCHORAGE		Corporate & FOB Point	

FIG. 207

20800



**FIG. 208**

20900

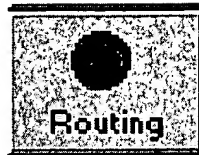


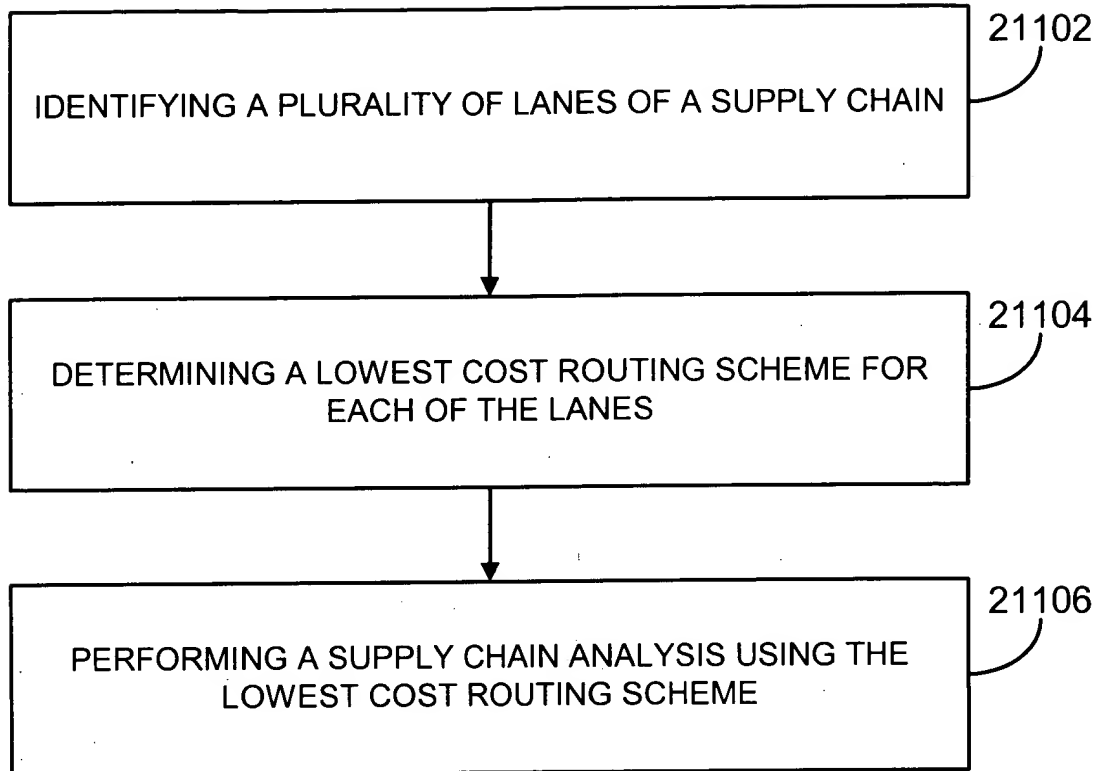
FIG. 209

21000

A screenshot of a software window titled "Report Selection". The window is divided into several sections. On the left, under "Report Parameters", there are three dropdown menus: "Supplier" with "(All)" selected, "Supplier/FOB" with "(All)" selected, and "Distribution Center" with "(All)" selected. Below these is a "Version" dropdown with "Base Version" selected. On the right, under "Report Name:", there is a list of report options. The first option, "Freight Information Provided", is highlighted. Below it are several other options: "LTL Routing Grid By Lane", "Routing Results By Lane", "Routing Results By Lane, Item", "Routing Results w/ RDC Breakout By Lane", "Routing Results w/ RDC Breakout By Lane, Item", and "TL Freight Variance Analysis". The window has a standard Windows-style border with a title bar and scrollbars.

FIG. 210

21100



**FIG. 211**

21200

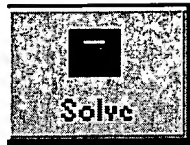


FIG. 212

21300

21302

**Report Selection**

Report Type: Report Name:

Awarded Volume Awarded Volume by Item - Detail

Awarded Volume

Comparison Reports

Cost Matrix Preview

Optimal Product Routing

Tab Reports

ew Capacity & Prices

FIG. 213



21400

Awarded Volume by Item - Detail
Awarded Volume by Item - Detail
Awarded Volume by Item - Freight
Awarded Volume by Item - Summary
Competing DC Freight Analysis by Item
Lane Assignment Matrix
Lane Weighted Average Delivered Cost

**FIG. 214**

21500

Assigned Volume Percentages (no conversion)
Assigned Volume Percentages (with conversion)
Invoice FOB Detail Comparison (no conversion)
Invoice FOB Detail Comparison (with conversion)
Invoice FOB Savings Comparison (no conversion)
Invoice FOB Savings Comparison (with conversion)

**FIG. 215**

21600

Report Type:	Report Name:
Comparison Reports <input checked="" type="checkbox"/>	Assigned Volume Percentages (no conversion)

**FIG. 216**

21700

Report Name:
Assigned Volume Percentages (no conversion)
Assigned Volume Percentages (no conversion)
Assigned Volume Percentages (with conversion)
Invoice FOB Detail Comparison (no conversion)

**FIG. 217**

21800

A screenshot of a software interface for item comparison. The interface has a dark background with white text. At the top, there is a label "Item:" followed by a text box containing "HASH BROWNS(ROUND)". Below this is a label "Comparison Versions:" followed by a list of three versions: "Base version", "With LTL riding with CCF, forced TL", and "LTL moving with CCF, no Cavendish". At the bottom, there is a label "Include Cost Matrices:" followed by two radio buttons, "Yes" and "No", with the "Yes" button selected. The interface has a standard Windows-style border with a title bar and window controls.

Item:	HASH BROWNS(ROUND)
Comparison Versions:	Base version
	With LTL riding with CCF, forced TL
	LTL moving with CCF, no Cavendish
Include Cost Matrices:	<input checked="" type="radio"/> Yes <input type="radio"/> No

FIG. 218

21900

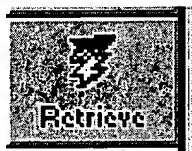
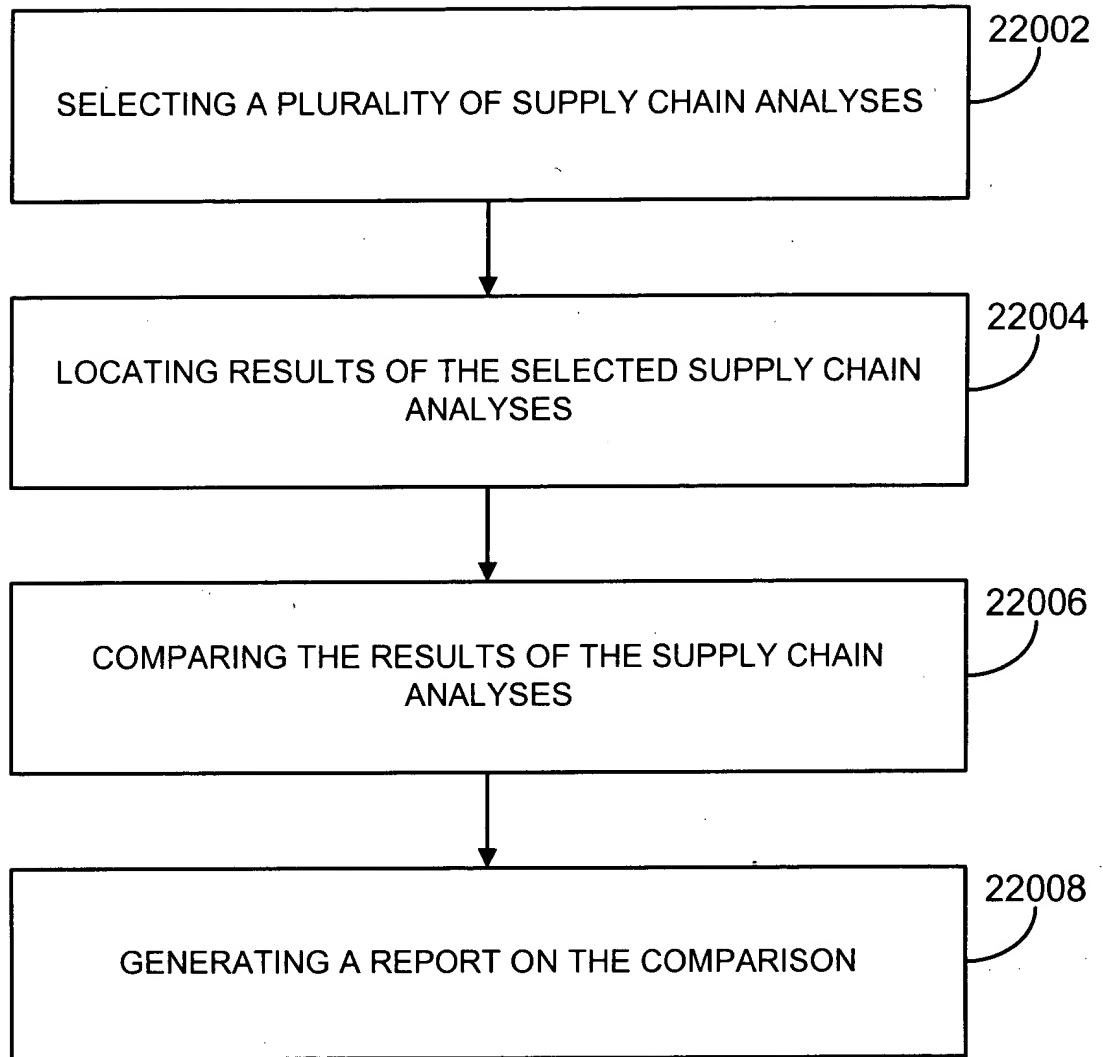


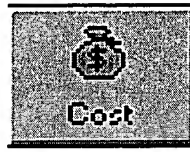
FIG. 219

22000



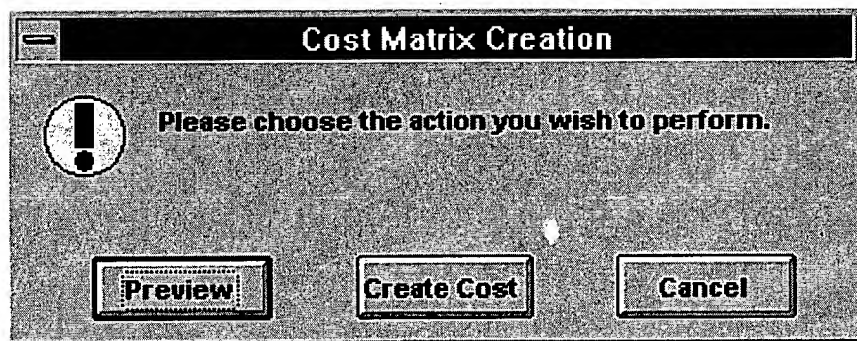
**FIG. 220**

22100



**FIG. 221**

22200



**FIG. 222**

Supply Patronage Sales/Inv Utilities Data Options	
Supplier...	Least Cost Contract
Supplier Site...	
Distributor...	
DC...	
Item ▶	
Proposal ▶	
Least Cost Analysis ▶	
Formula Pricing ▶	Edit / View
Contract...	New (Using Previous)
Cost ▶	
Vendor Rating ▶	
Contact Management ▶	
Logistics & Distribution ▶	
Bakery Coverage ▶	

22300

FIG. 223

22400

Formula Pricing - BEEF - 77% - 04/06/98

General Info	Pricing	Freight	Formulas	Block Cost	Adjustments
--------------	---------	---------	----------	------------	-------------

Pricing ID: 12

Description: Beef Pricing 04/06/01

Item: BEEF - 77%

Raw Material Pricing Date: 04/06/01 From: 03/23/01 To: 04/03/01

Cost Matrix Begin Date: 03/15/01 End Date: 03/28/01

FOB Adjustment Amount: 0.0000

FIG. 224

22500

Formula Pricing - BEEF - 77% - 04/06/98												
General Info   Pricing   Freight   Formulas   Block Cost   Adjustments												
Date	FRSH DOM 50% TRIM	FRSH DOM 65% TRIM	FRSH DOM 73% TRIM	FRSH DOM 75% TRIM	FRSH DOM 80% LEAN	FRSH DOM 85% LEAN	FRSH DOM 90% LEAN BL	FRSH DOM 90% LEAN	FRSH DOM 90% LEAN YW	FRZN DOM 90% LEAN BL	IMP AUS 90% LEAN	Lean Fine Tatr Beef
3/23/98	0.8800	0.9100	0.9052	0.9300	0.9318	0.9900	0.9900	0.9950	1.0000	0.9500	0.9500	0.7980
03/24/98	0.8800	0.9100	0.9149	0.9400	0.9224	0.9800	1.0000	1.0500	1.1000	0.9400	0.9600	0.8400
03/25/98	0.8800	0.9150	0.8857	0.9100	0.9224	0.9800	1.1000	1.1500	1.2000	0.9500	0.9300	0.9200
03/26/98	0.8850	0.9155	0.8945	0.9190	0.9275	0.9855	1.2000	1.2500	1.3000	0.9600	0.9500	1.0000
03/27/98	0.8900	0.9200	0.9344	0.9600	0.9275	0.9855	1.0000	1.0500	1.1000	0.9550	0.9800	0.8400
03/30/98	0.8800	0.9300	0.9441	0.9700	0.9318	0.9900	0.9995	0.9998	1.0000	0.9870	0.9650	0.7998
03/31/98	0.8860	0.9160	0.9539	0.9800	0.9412	1.0000	1.1000	1.1250	1.1500	0.9550	0.9870	0.9000
04/01/98	0.8700	0.9200	0.9393	0.9650	0.9224	0.9800	1.2000	1.2300	1.2600	0.9630	0.9630	0.9840
04/02/98	0.8500	0.9400	0.9490	0.9750	0.9318	0.9900	1.0000	1.0250	1.0500	0.9540	0.9870	0.8200
04/03/98	0.8515	0.9700	0.9539	0.9800	0.9412	1.0000	1.1000	1.0750	1.0500	0.9580	0.9870	0.8600
	0.8753	0.9247	0.9275	0.9529	0.9300	0.9881	1.0690	1.0950	1.1210	0.9572	0.9658	0.8760

FIG. 225

22600

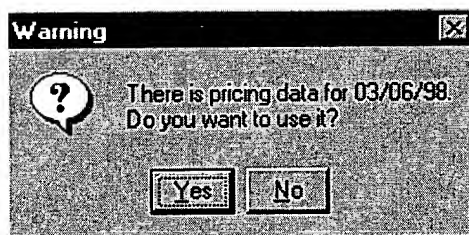


FIG. 226

22700

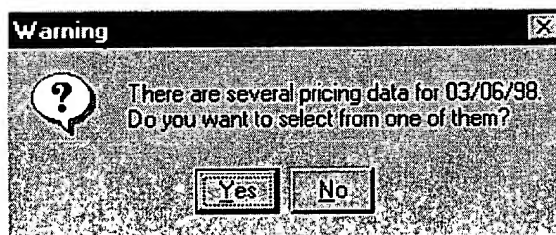


FIG. 227

22800

Pricing ID	Calc. Date	Description
10	03/08/98	Beef Pricing 3/8/98
11	03/23/98	Beef Pricing 3/23/98

OK Cancel

FIG. 228

22900

Formula Pricing - BEEF - 77% - 04/06/98

General Info Pricing **Freight** Formulas Block Cost Adjustments

Supplier FOB	Address
AMERICAN FOOD SERVICE	King of Prussia, PA 19406
DIVERSITY FOOD PROCESSING VIRGINIA	Petersburg, VA 23805
GOOD SERVINGS PRODUCTS-NH	Manchester, NH 03108

Material Type	Freight Amt
Fresh Domestic 50% Trim	0.0450
Fresh Domestic 65% Trim	0.0000
Fresh Domestic 73% Trim	0.0000
Fresh Domestic 75% Trim	0.0000
Fresh Domestic 80% Lean	0.0000
Fresh Domestic 85% Lean	0.0000
Fresh Domestic 90% Lean	0.0400
Fresh Domestic 90% Lean-Blue	0.0000
Fresh Domestic 90% Lean-Yellow	0.0000
Frozen Domestic 90% Lean	0.0000
Imported Australia 90% L an	0.0150

FIG. 229



23000

Formula Pricing - BEEF - 77% - 04/06/98																		
General Info		Pricing		Freight		Formulas		Block Cost		Adjustments								Total
Formula	Pct.	Cost	Pct.	Cost	Pct.	Cost	Pct.	Cost	Pct.	Cost	Pct.	Cost	Pct.	Cost	Pct.	Cost	Pct.	Cost
AFS-1	0.3120	0.2871										0.1880	0.2134	0.4000	0.3924	0.1000	0.0911	0.9840
DIV-1	0.1400	0.1295	0.2000	0.1949	0.1400	0.1368						0.2000	0.2190	0.3200	0.3139			0.9941
GS-1	0.3270	0.3042										0.1730	0.1972	0.3600	0.3549	0.1400	0.1303	0.9866
S&C-1	0.2414	0.2200					0.2179	0.2026	0.2179	0.2153	0.2179	0.2386				0.1050	0.0958	0.9721
SER-1	0.3250	0.2926										0.1750	0.1951	0.3650	0.3571	0.1350	0.1236	0.9684
TEX-1	0.3090	0.2766										0.3410	0.3802	0.2500	0.2452	0.1000	0.0986	0.9916
WHI-1	0.3250	0.2958										0.1750	0.1869	0.3650	0.3608	0.1350	0.1230	0.9765
WIS-1	0.3325	0.2977										0.4875	0.5165	0.1000	0.0986	0.1000	0.0890	1.0018

FIG. 230

23100

Formula Pricing - BEEF - 77% - 04/06/98						
General Info		Pricing	Freight	Formulas	Block Cost	Adjustments
Formula	Raw Material Cost	Yield	Block Cost	Margin	FOB Price	Include?
AFS-1	0.9840	0.99	\$0.9990	0.1232	\$1.1222	<input checked="" type="checkbox"/>
DIV-1	0.9941	0.98	\$1.0123	0.1669	\$1.1792	<input checked="" type="checkbox"/>
GS-1	0.9866	0.98	\$1.0037	0.1287	\$1.1324	<input checked="" type="checkbox"/>
S&C-1	0.9721	1.00	\$0.9721	0.1457	\$1.1178	<input checked="" type="checkbox"/>
SER-1	0.9684	0.99	\$0.9831	0.1325	\$1.1156	<input checked="" type="checkbox"/>
TEX-1	0.9916	0.99	\$1.0067	0.1232	\$1.1299	<input checked="" type="checkbox"/>
WHI-1	0.9765	0.98	\$0.9939	0.1275	\$1.1214	<input checked="" type="checkbox"/>
WIS-1	1.0018	0.98	\$1.0202	0.1334	\$1.1536	<input checked="" type="checkbox"/>

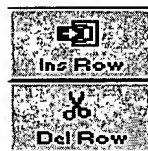
FIG. 231



23200

Formula Pricing - BEEF - 77% - 04/06/98						
General Info Pricing Freight Formulas Block Cost Adjustments						
Formula	Raw Cost	Yield	FOB Price	Margin	Adjustments	Adj. FOB Price
AFS-1	0.9840	0.9850	0.9990	0.1232	0.0000	1.1222
DIV-1	0.9941	0.9820	1.0123	0.1669	0.1500	1.3292
GS-1	0.9866	0.9830	1.0037	0.1287	0.0000	1.1324
S&C-1	0.9721	1.0000	0.9721	0.1457	0.0000	1.1178
SER-1	0.9684	0.9850	0.9831	0.1325	0.0000	1.1156
TEX-1	0.9916	0.9850	1.0067	0.1232	0.0000	1.1299
Amount Adjustment Desc						
0.1500	Upcharge					

FIG. 232



23300

23302

FIG. 233

23400



FIG. 234

23500

Formula Maintenance			
Formula ID	Facility	Description	Short Name
5	AMERICAN FOOD SERVICE	American Food Service Formula A	AFS-1
7	DIVERSITY FOOD PROCESSING - VIRGIN	DIV Formula - 1b	DIV-1
8	GOOD SERVINGS PRODUCTS - NH	Good Servings Formula 1	GS-1
Number of Rows: 14			
Material Type		Begin Date	Percentage
Fresh Domestic 50% Trim		10/03/1997	31.2000%
Fresh Domestic 73% Trim		10/01/1996	20.0000%
Fresh Domestic 85% Lean		10/01/1997	5.0000%
Fresh Domestic 90% Lean		10/01/1997	18.8000%
Number of Rows: 6			100.0000%

FIG. 235

Supply Patronage Sales/Inv Utilities Window Help	
Supplier...	Least Cost Contract
Supplier Site...	
Distributor...	
DC	
Item	
Proposal	
Least Cost Analysis	
Formula Pricing	Edit / View
Contract	New (Using Previous)
Cost	Formula Maintenance
Vendor Rating	
Contact Management	
Logistics & Distribution	
Bakery Coverage	

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FIG. 236